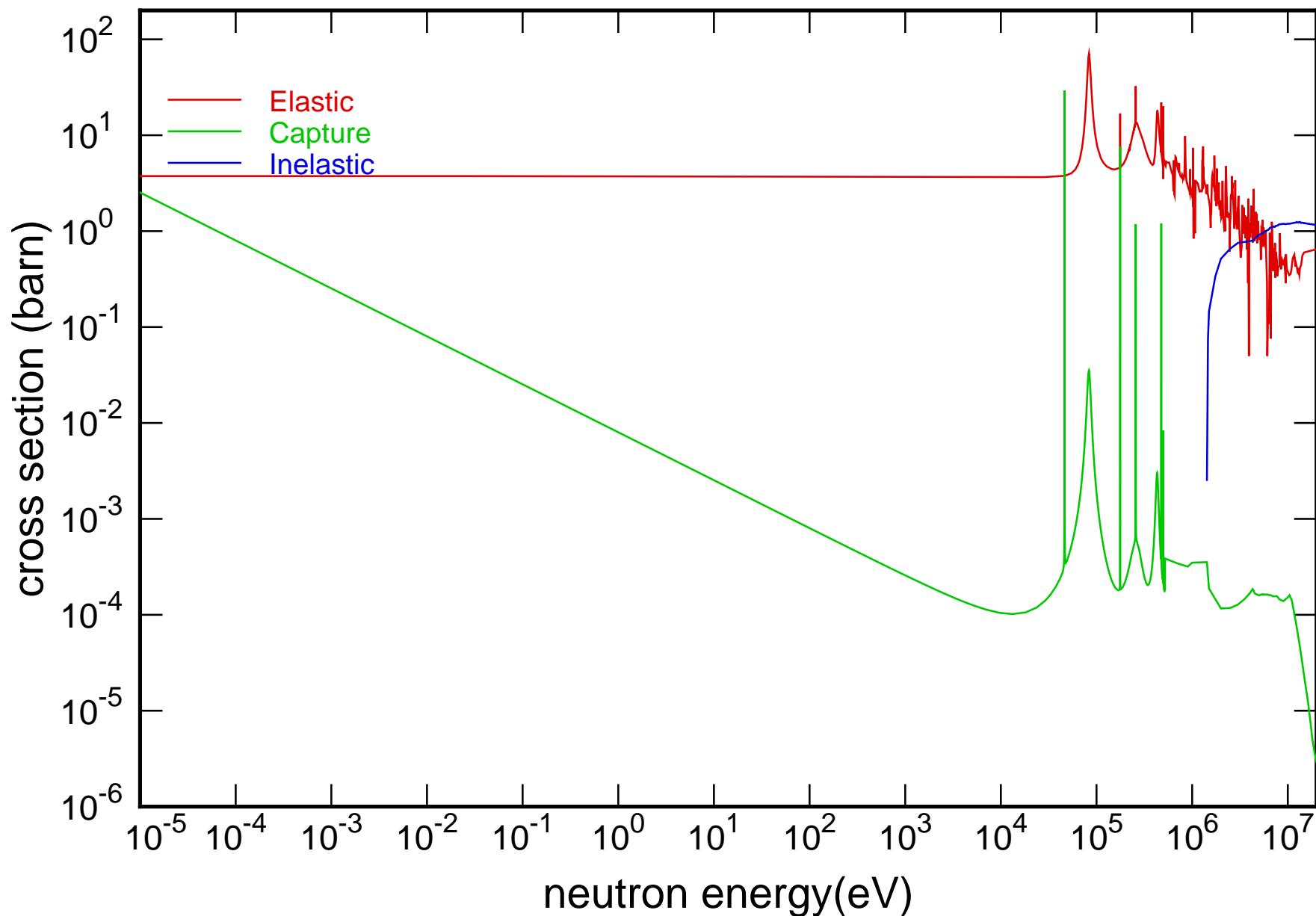
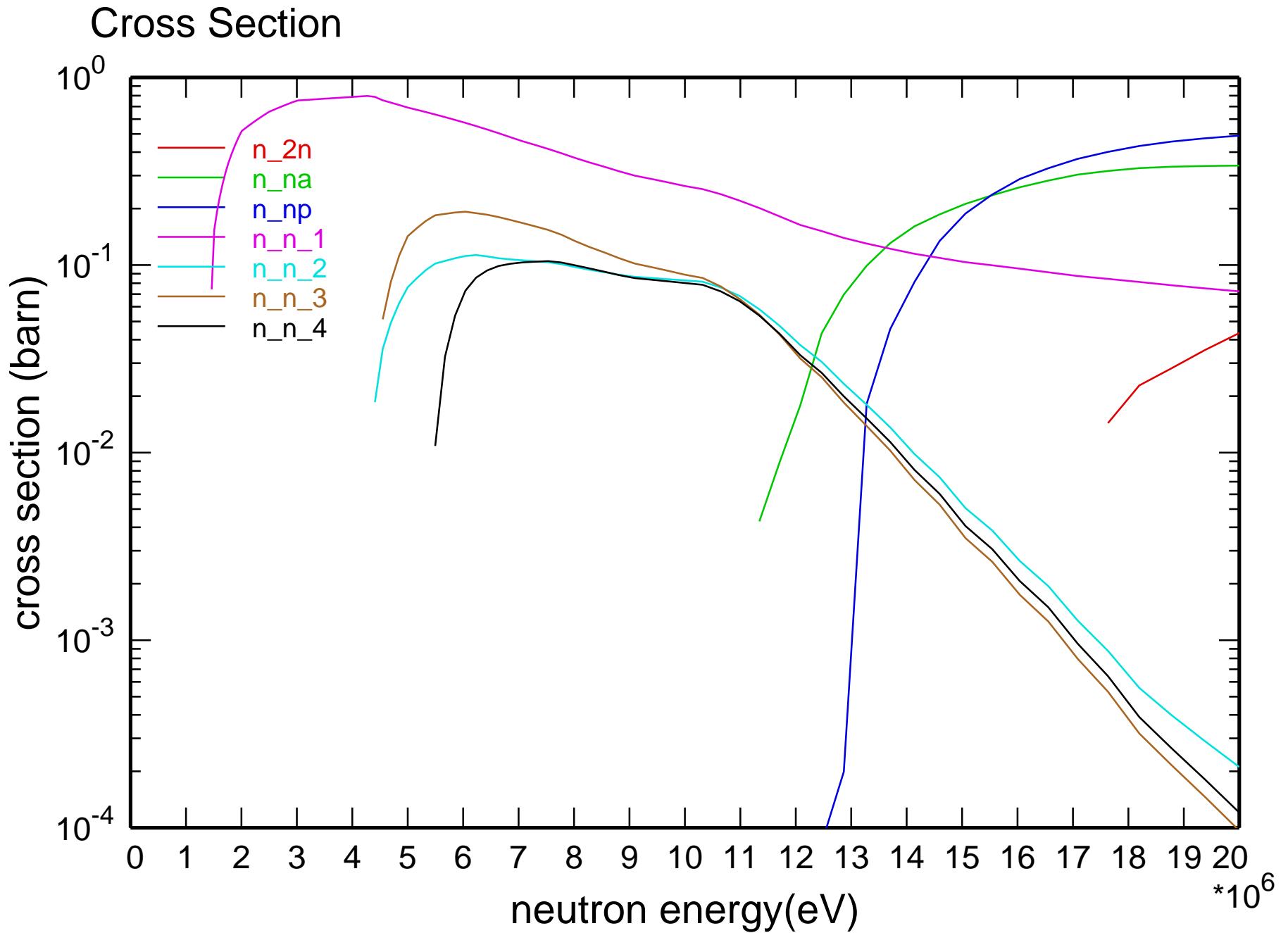
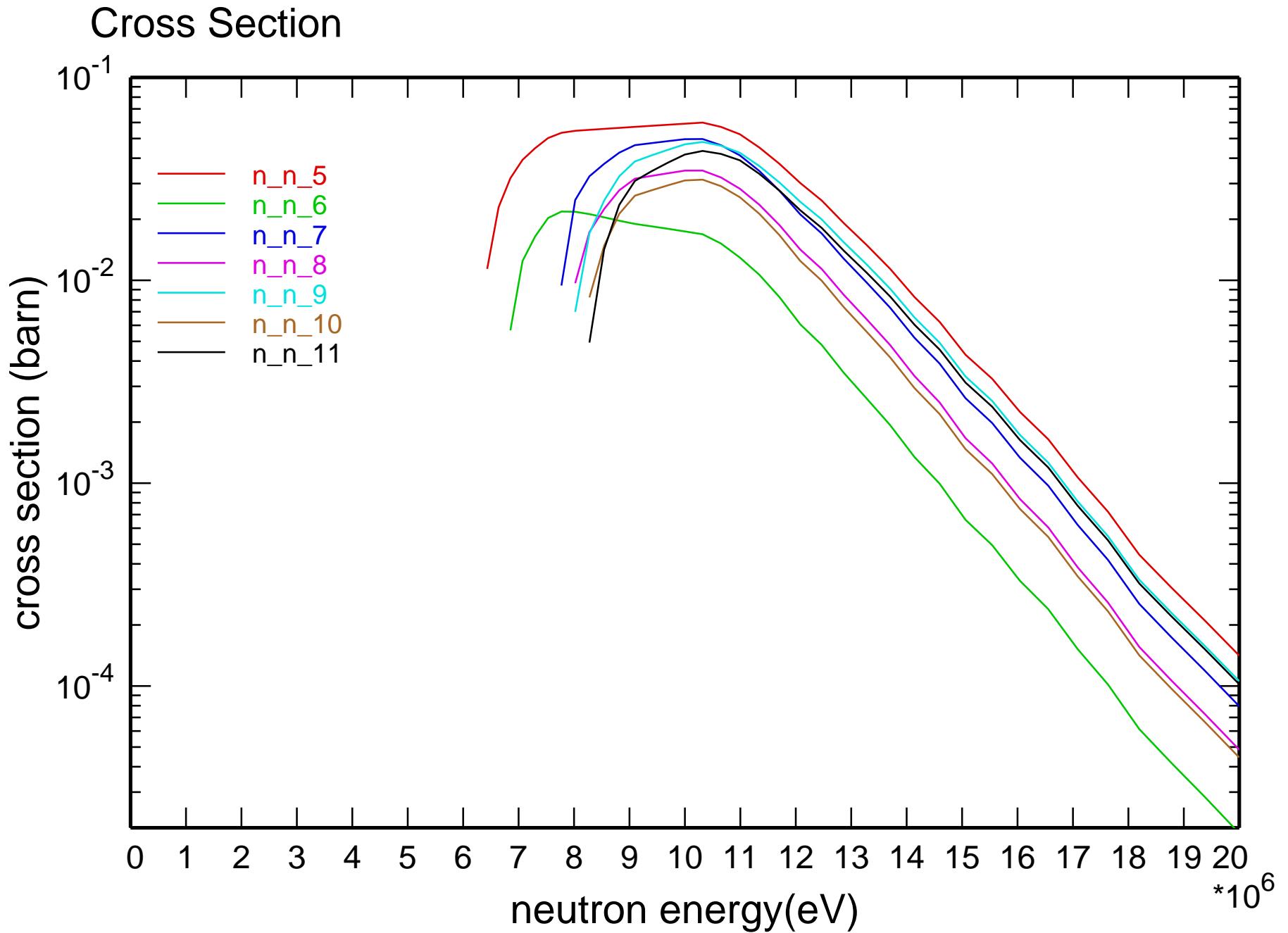


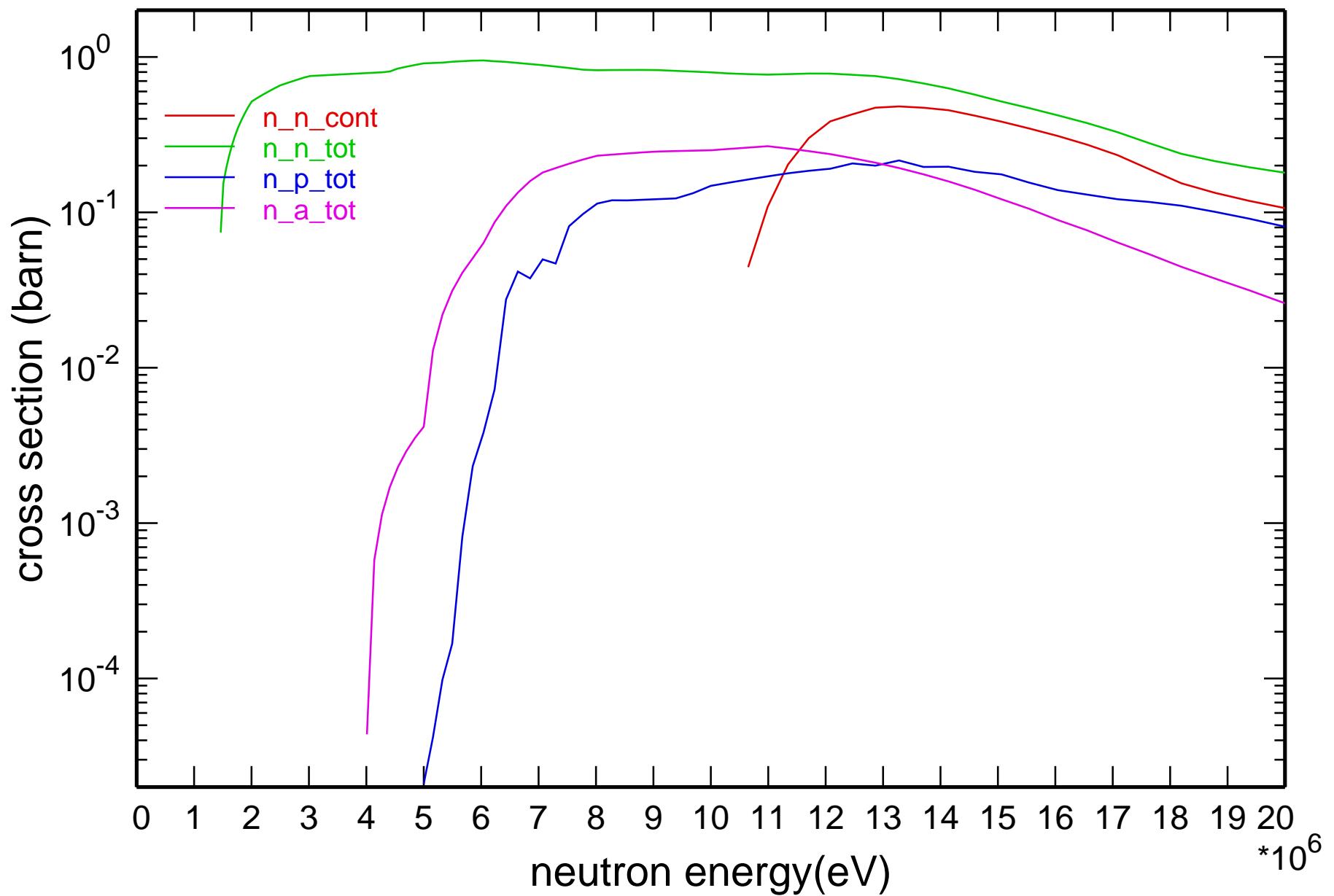
## Main Cross Sections

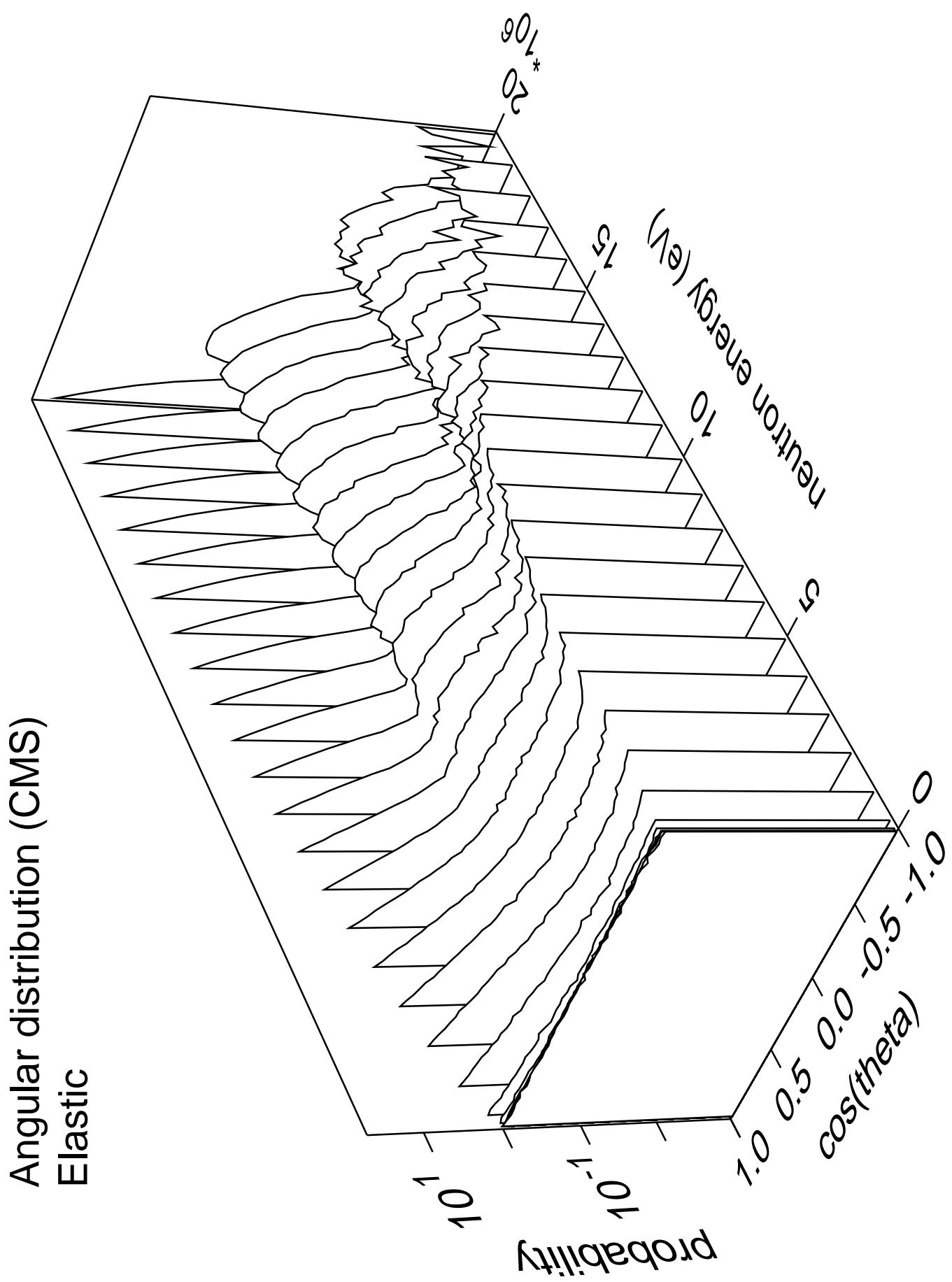






# Cross Section





Angular distribution (LABS)  
 $n_{2n}$

Probability

$10^0$

1.0

0.5

0.0

0.8

0.5

0.0

Neutron energy (eV)

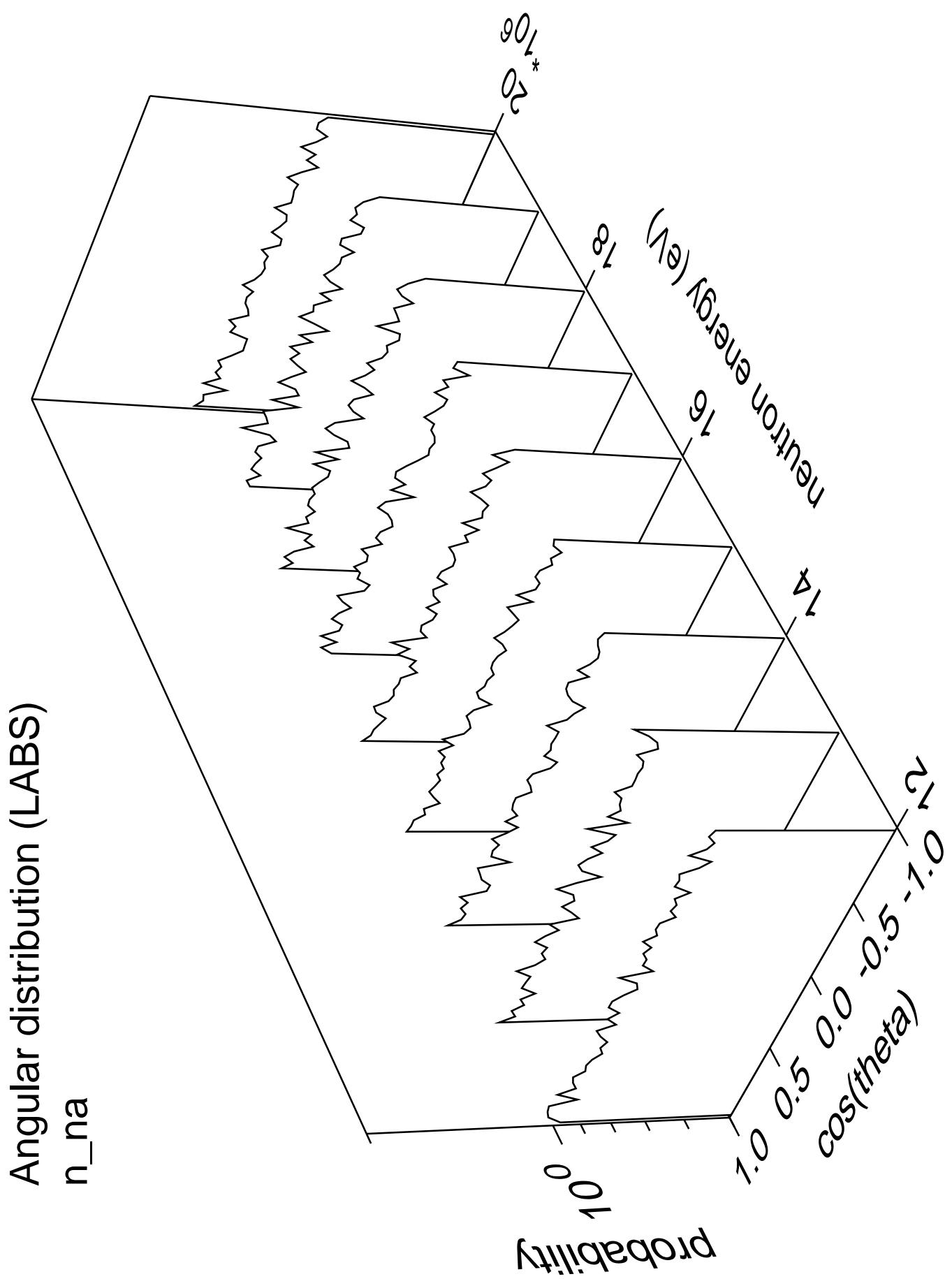
$20.0 \times 10^6$

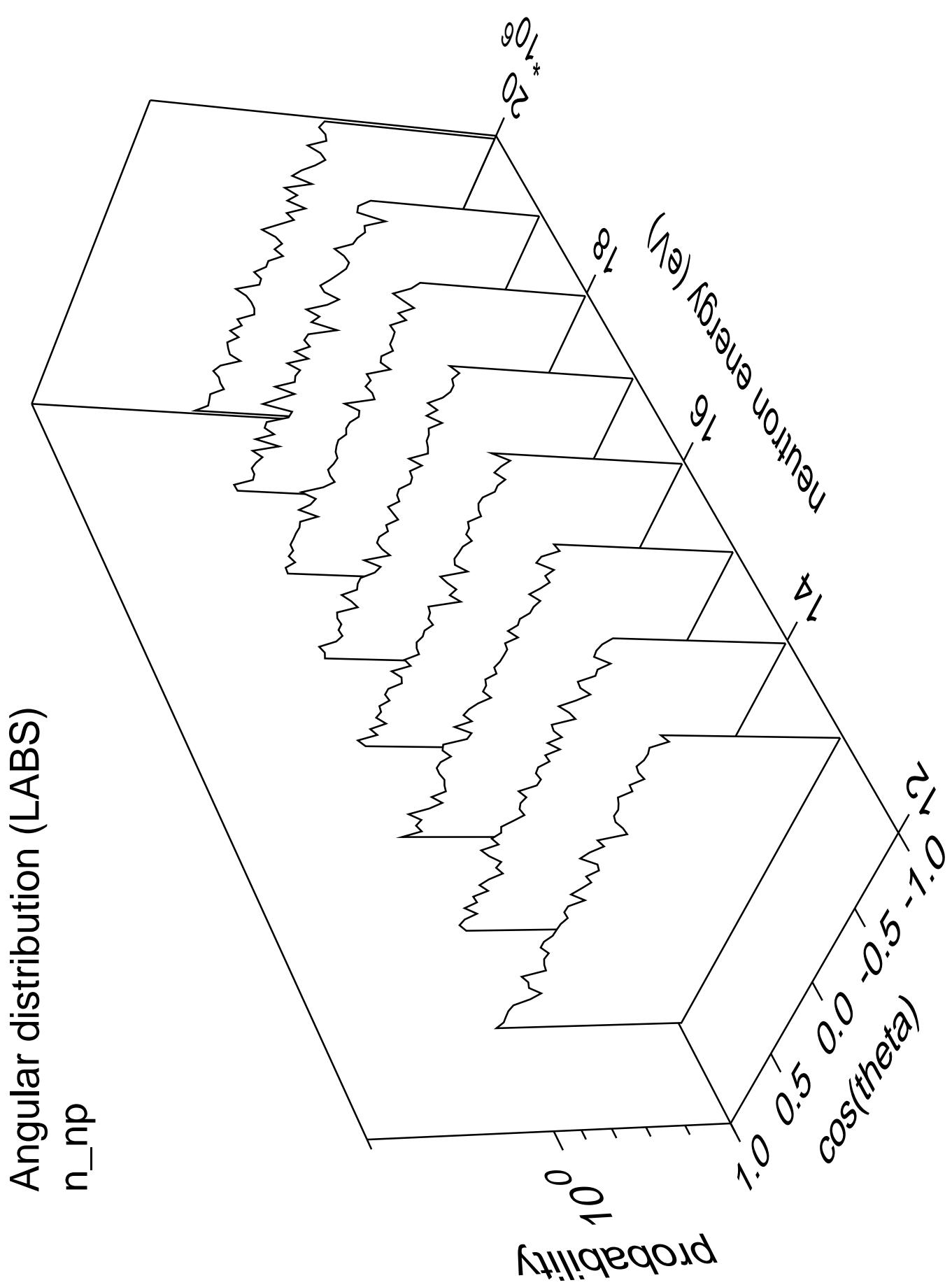
19.5

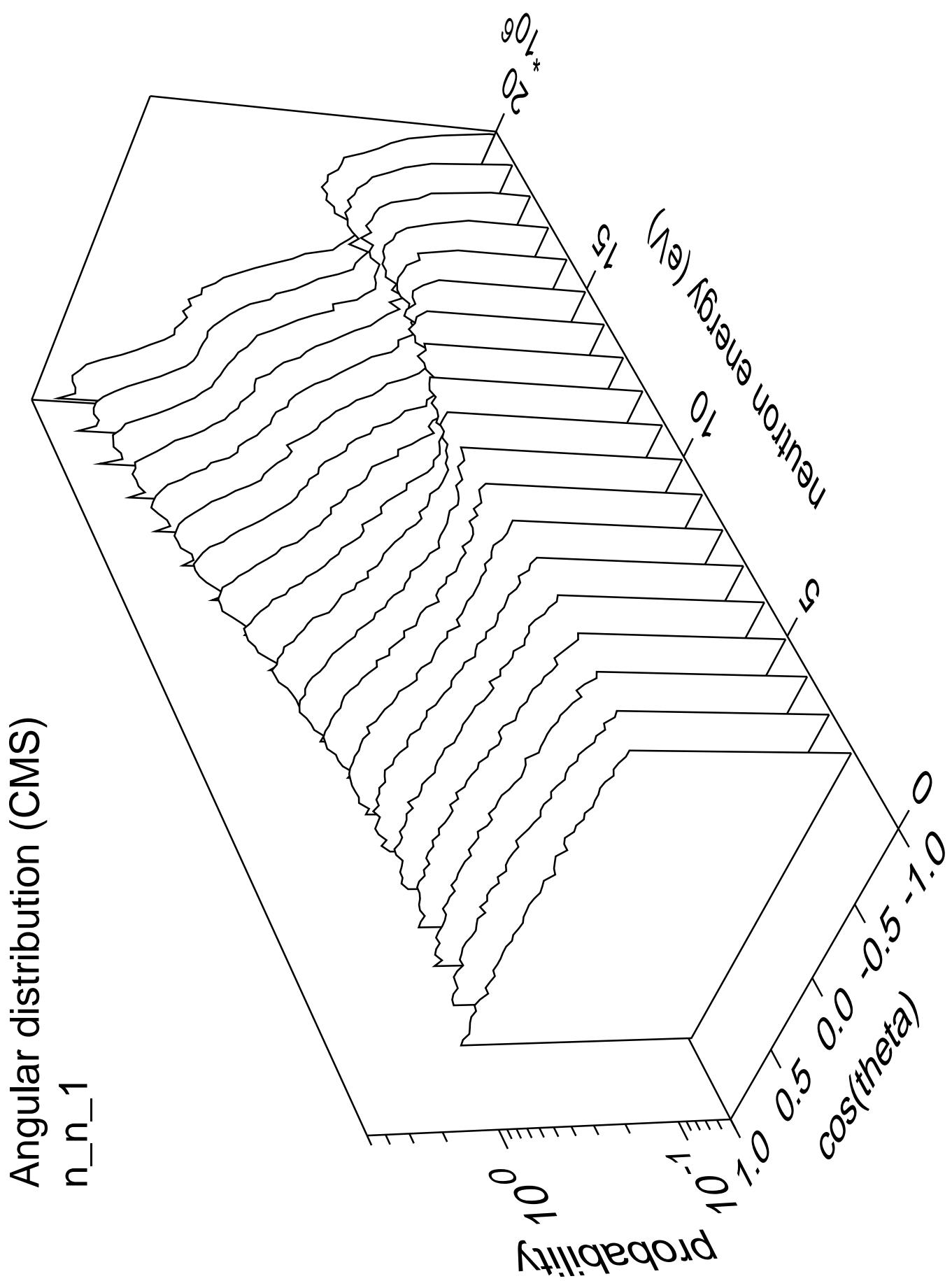
19.0

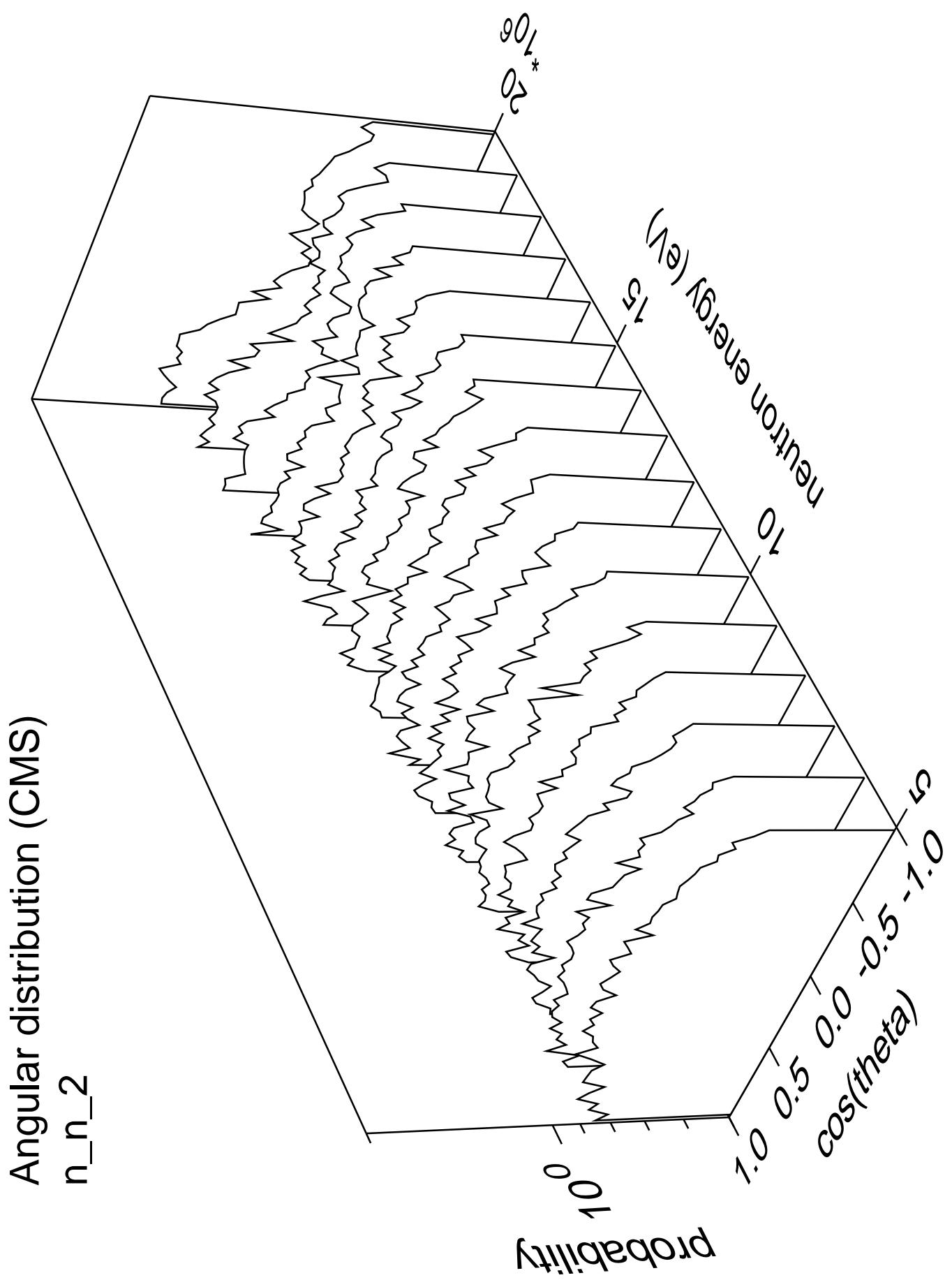
18.5

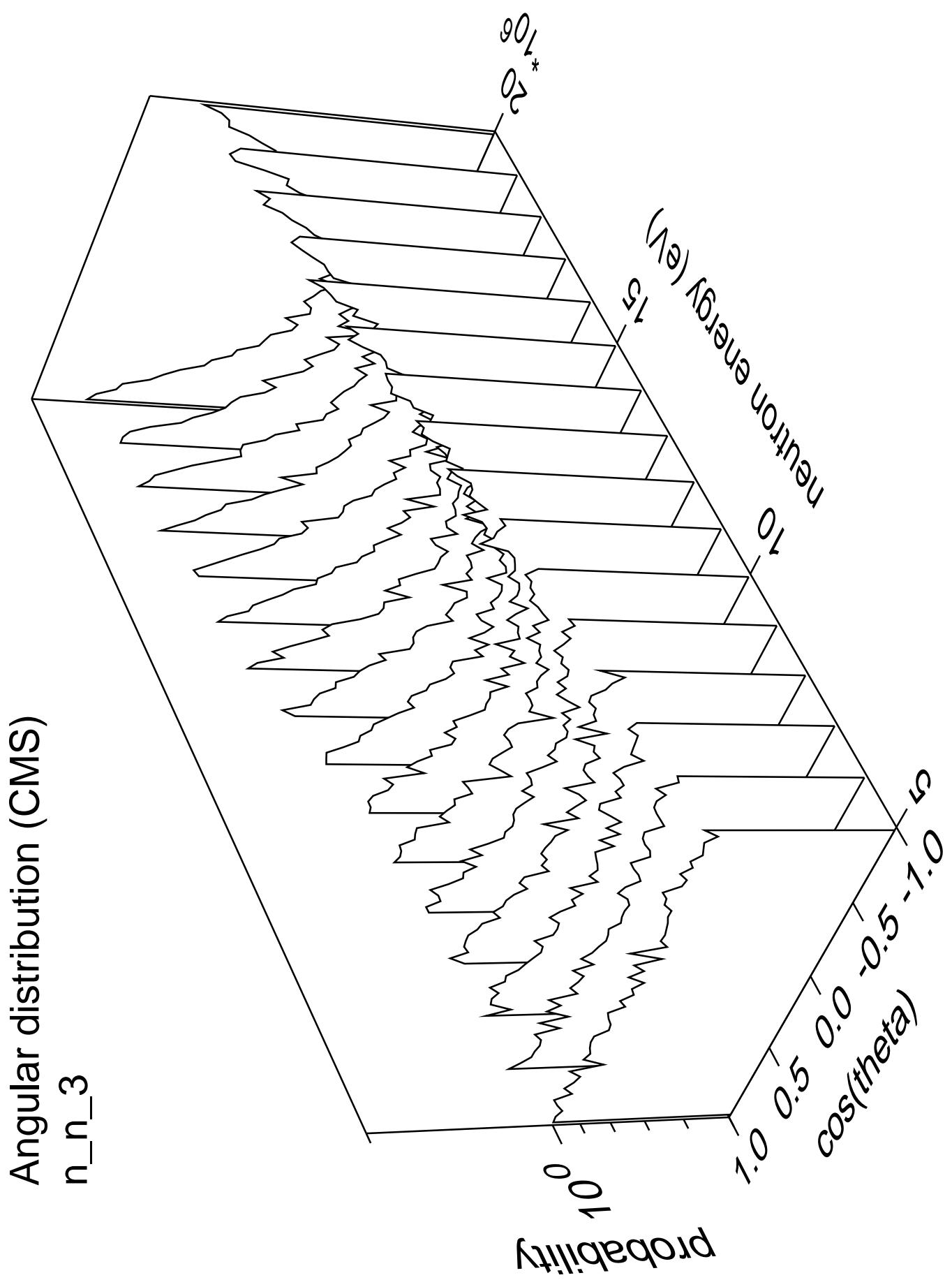
$\cos(\theta)$

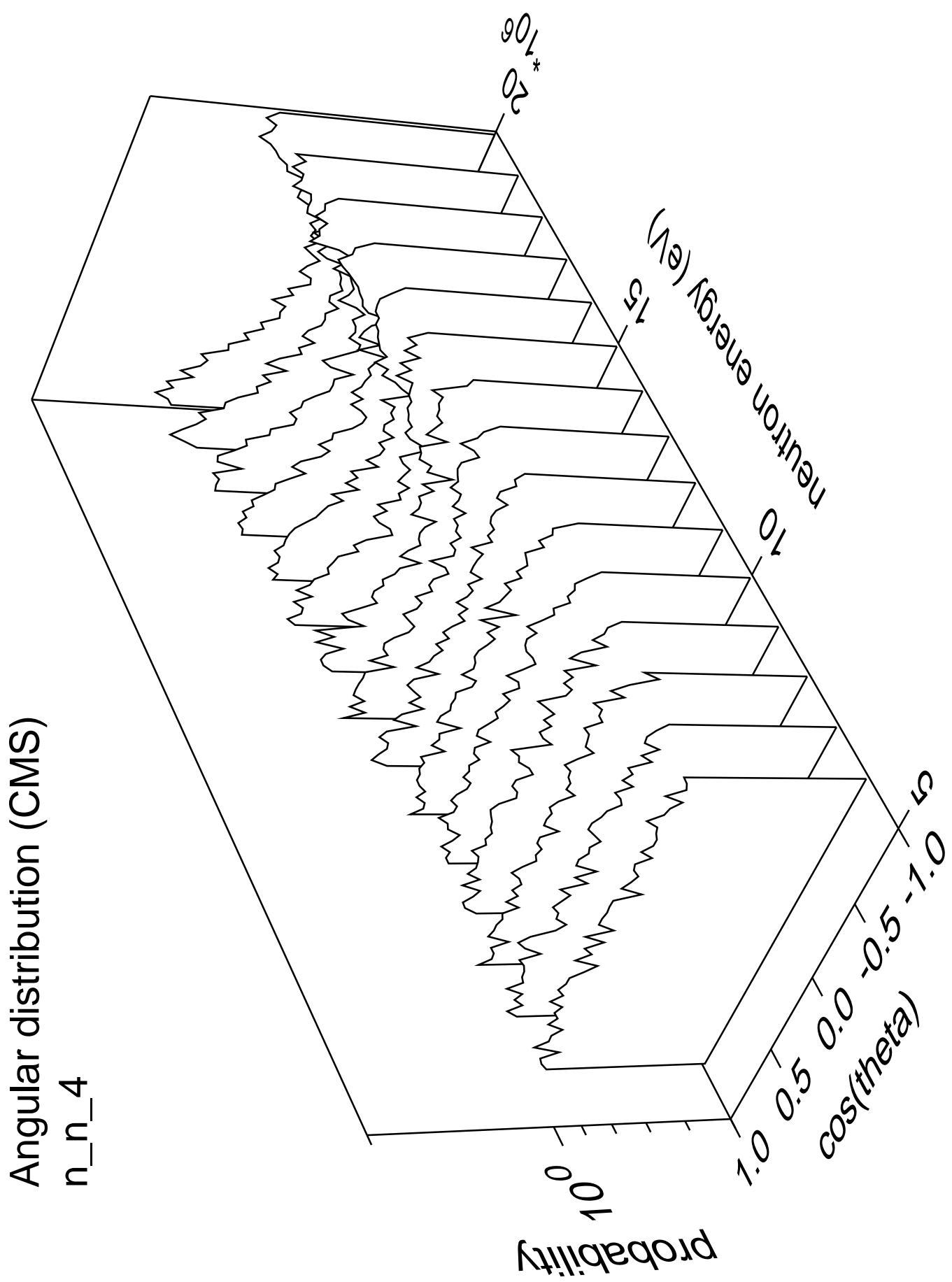


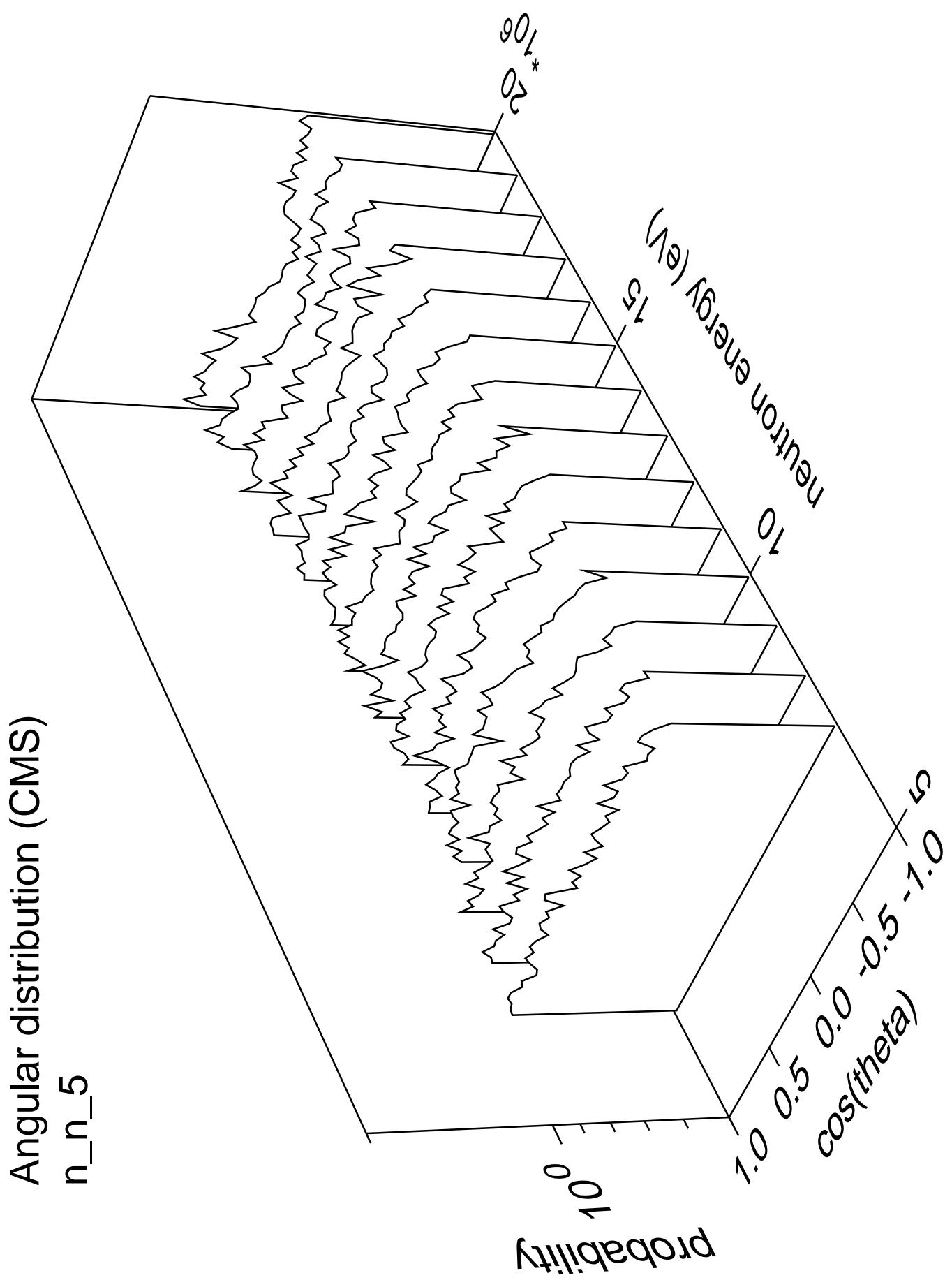


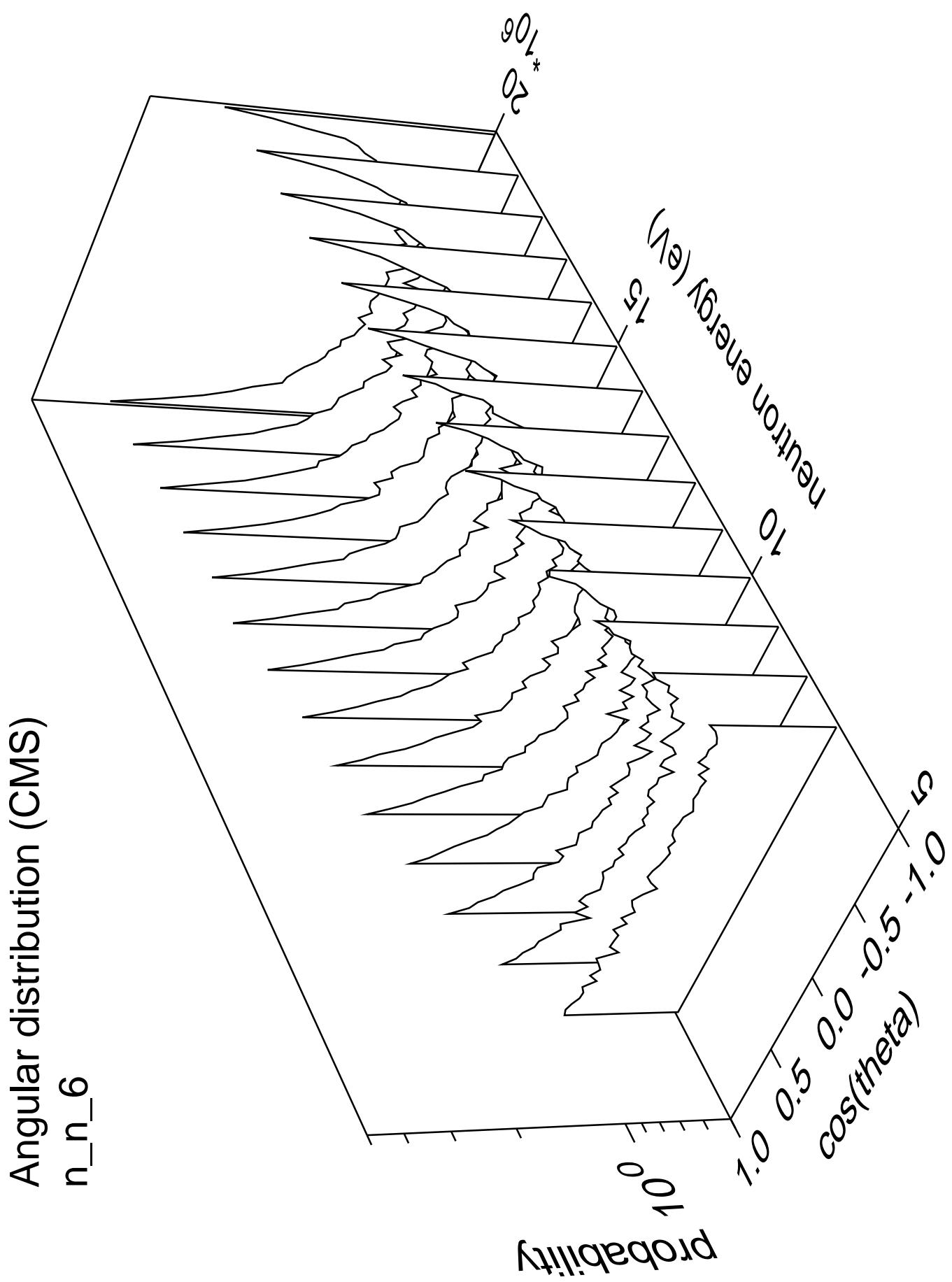


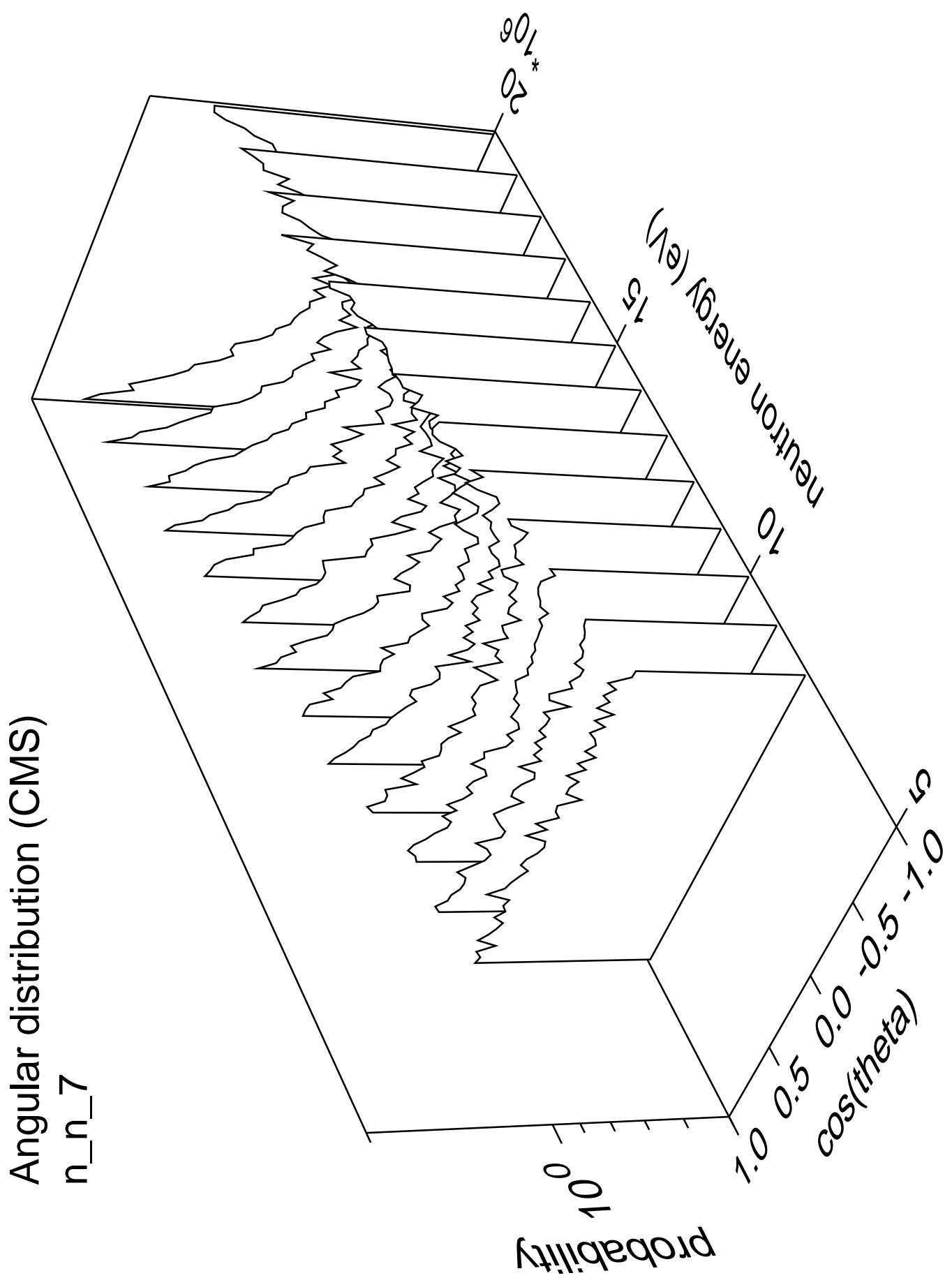


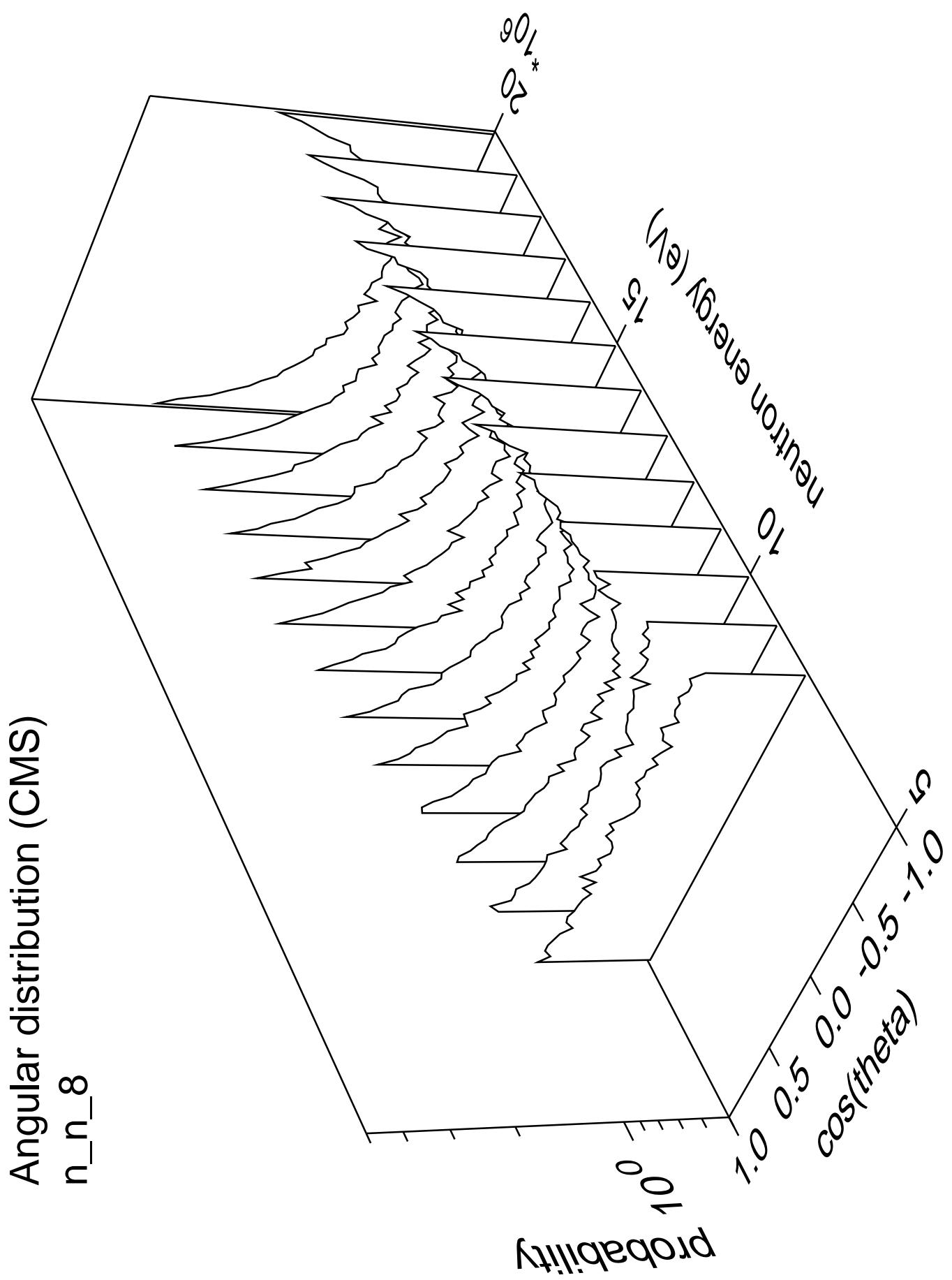


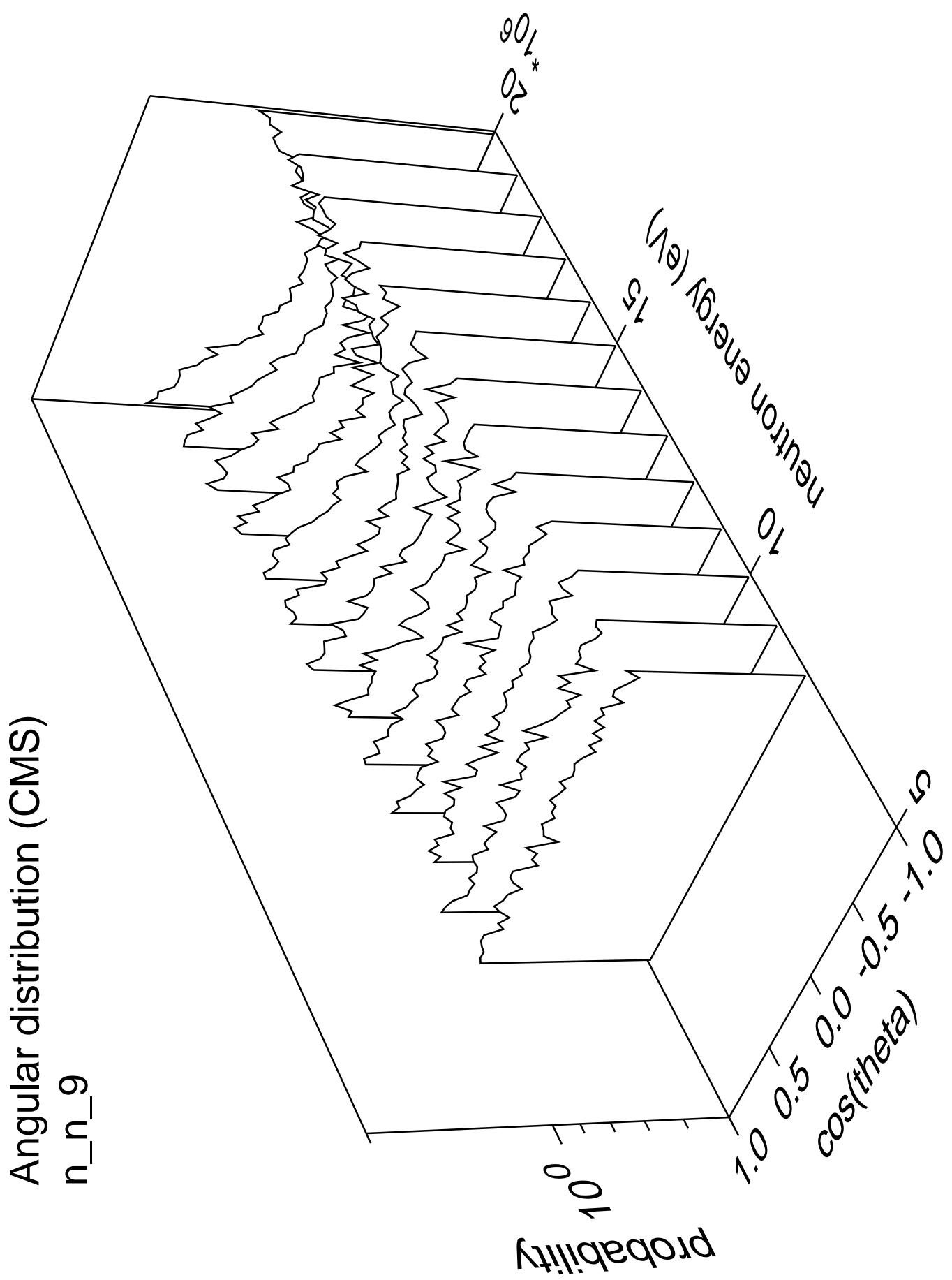


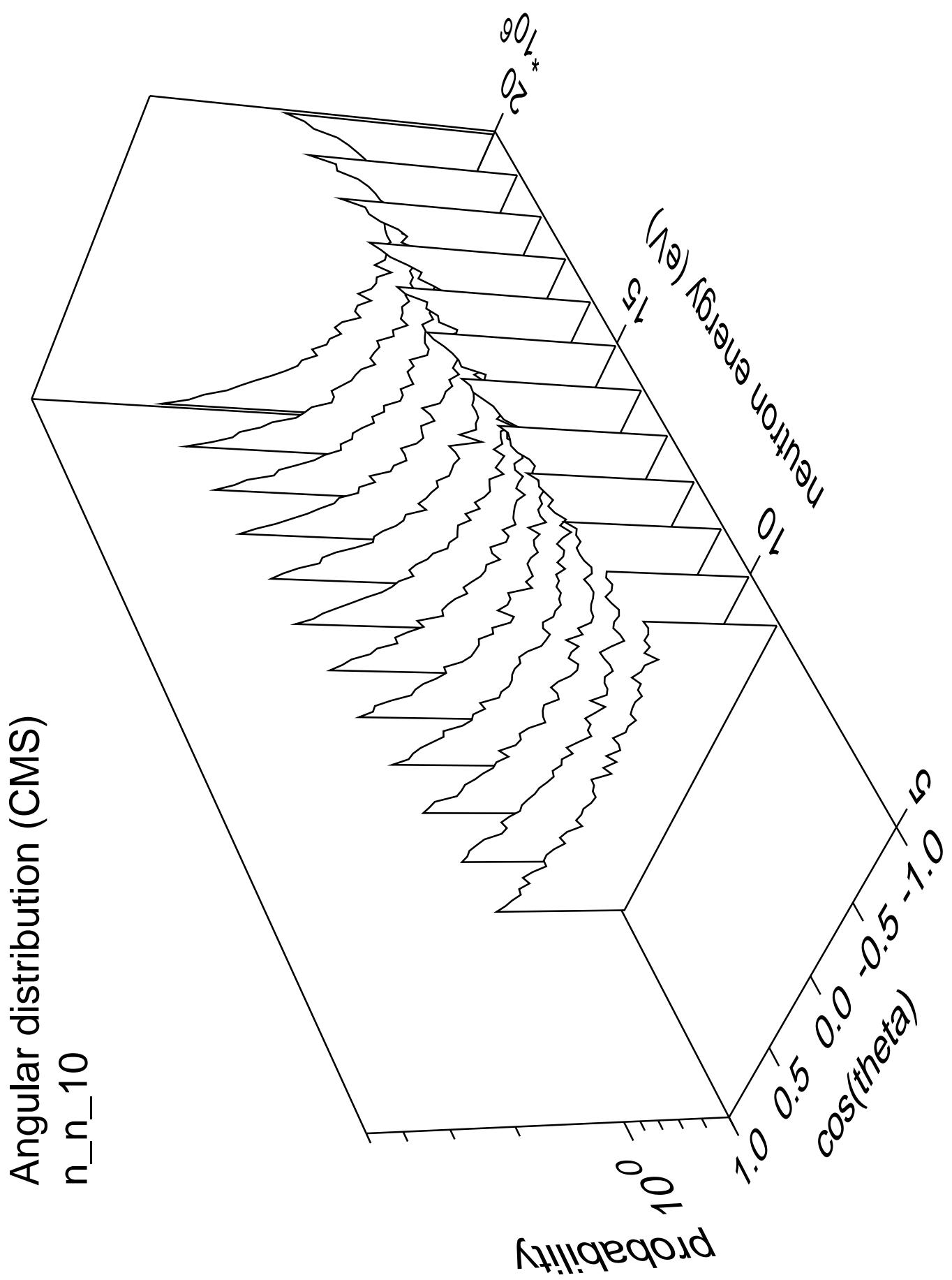


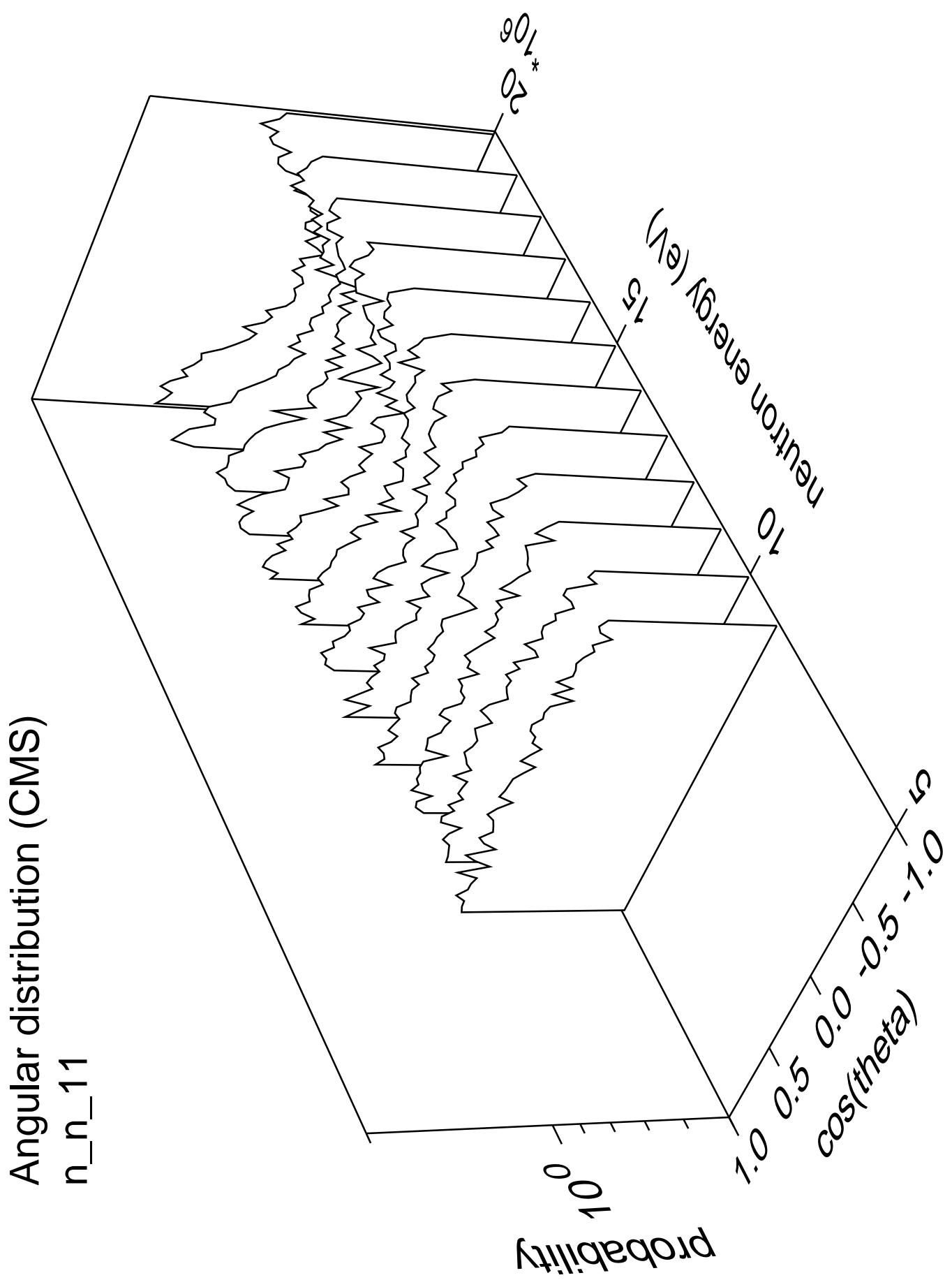


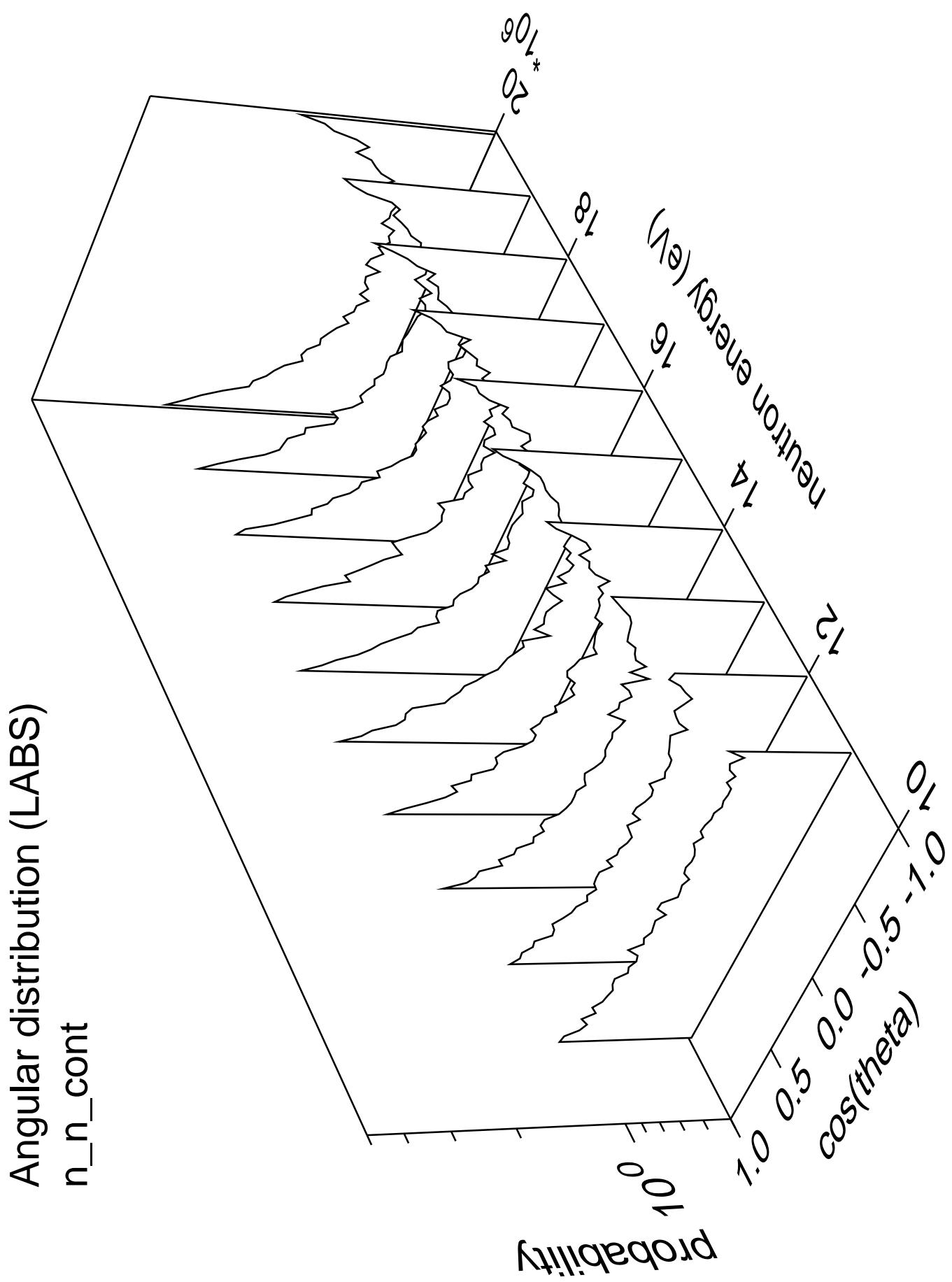


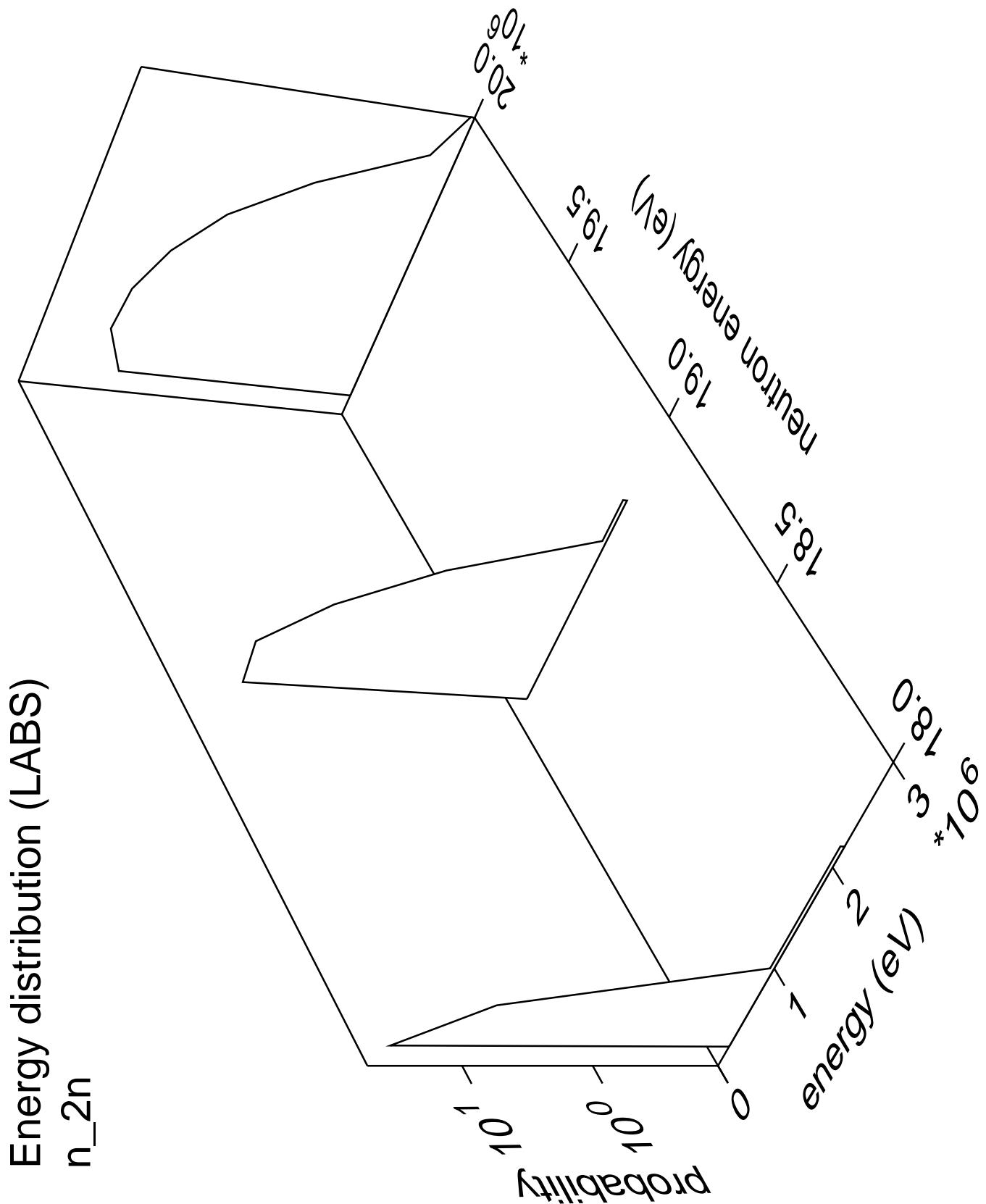


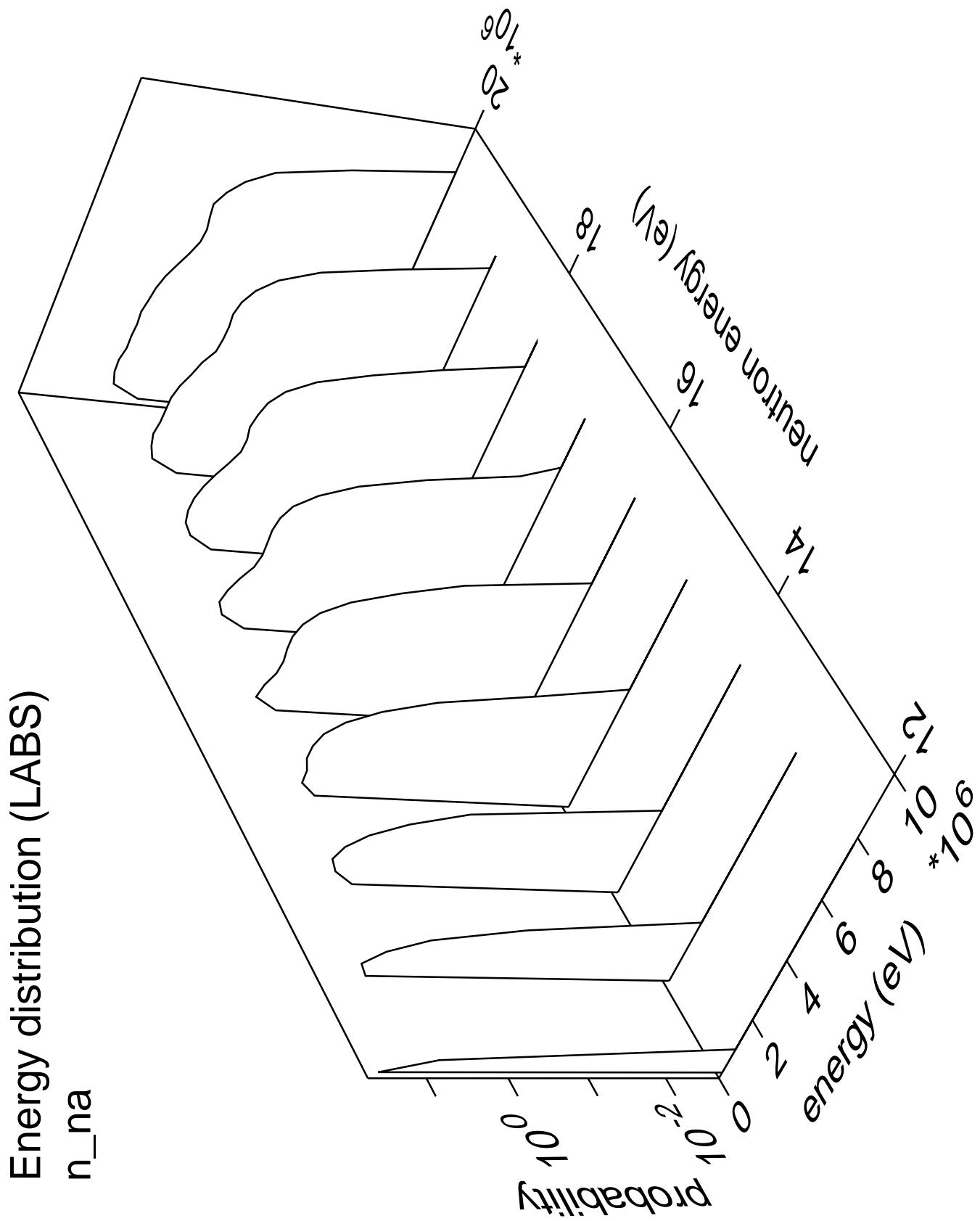


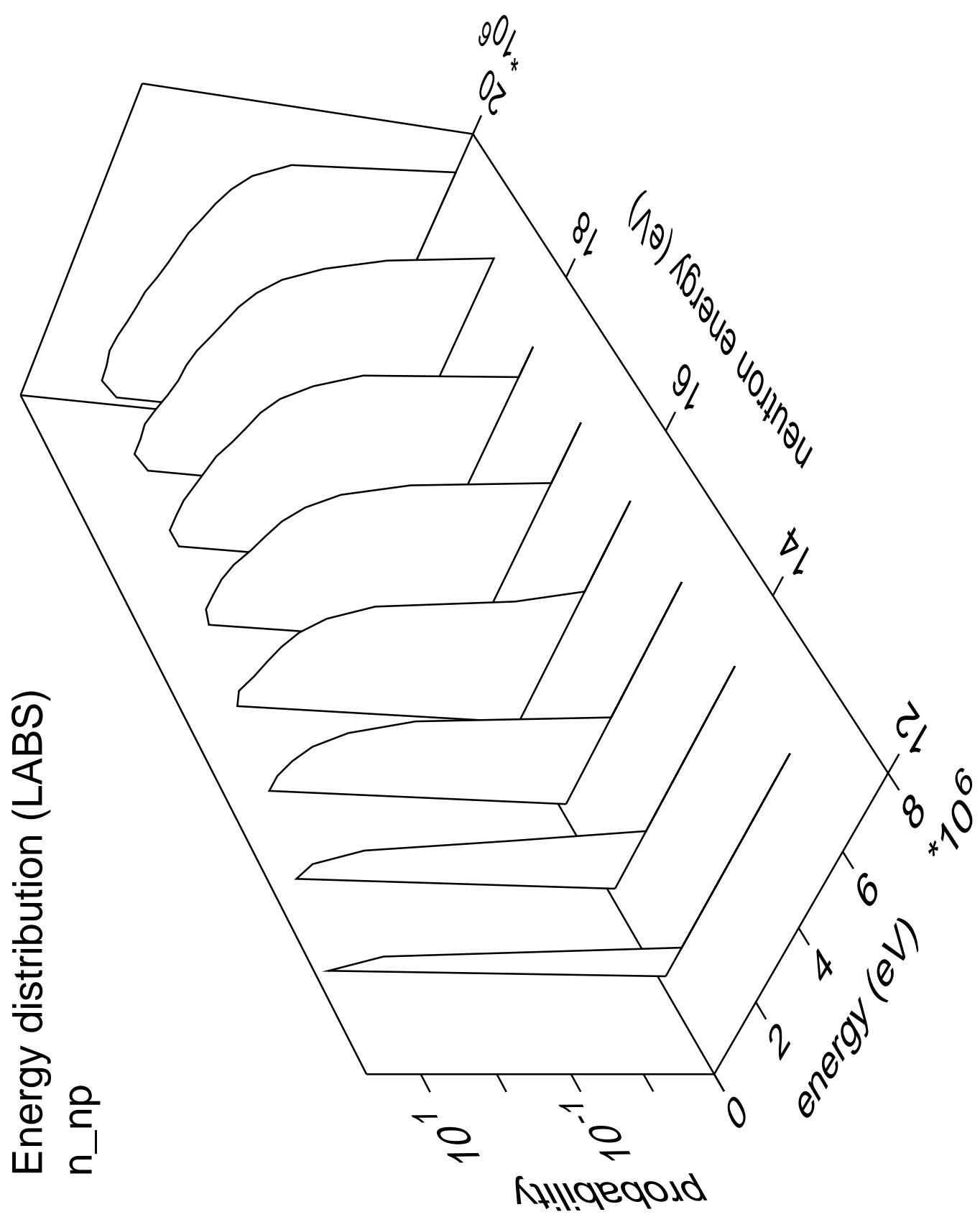


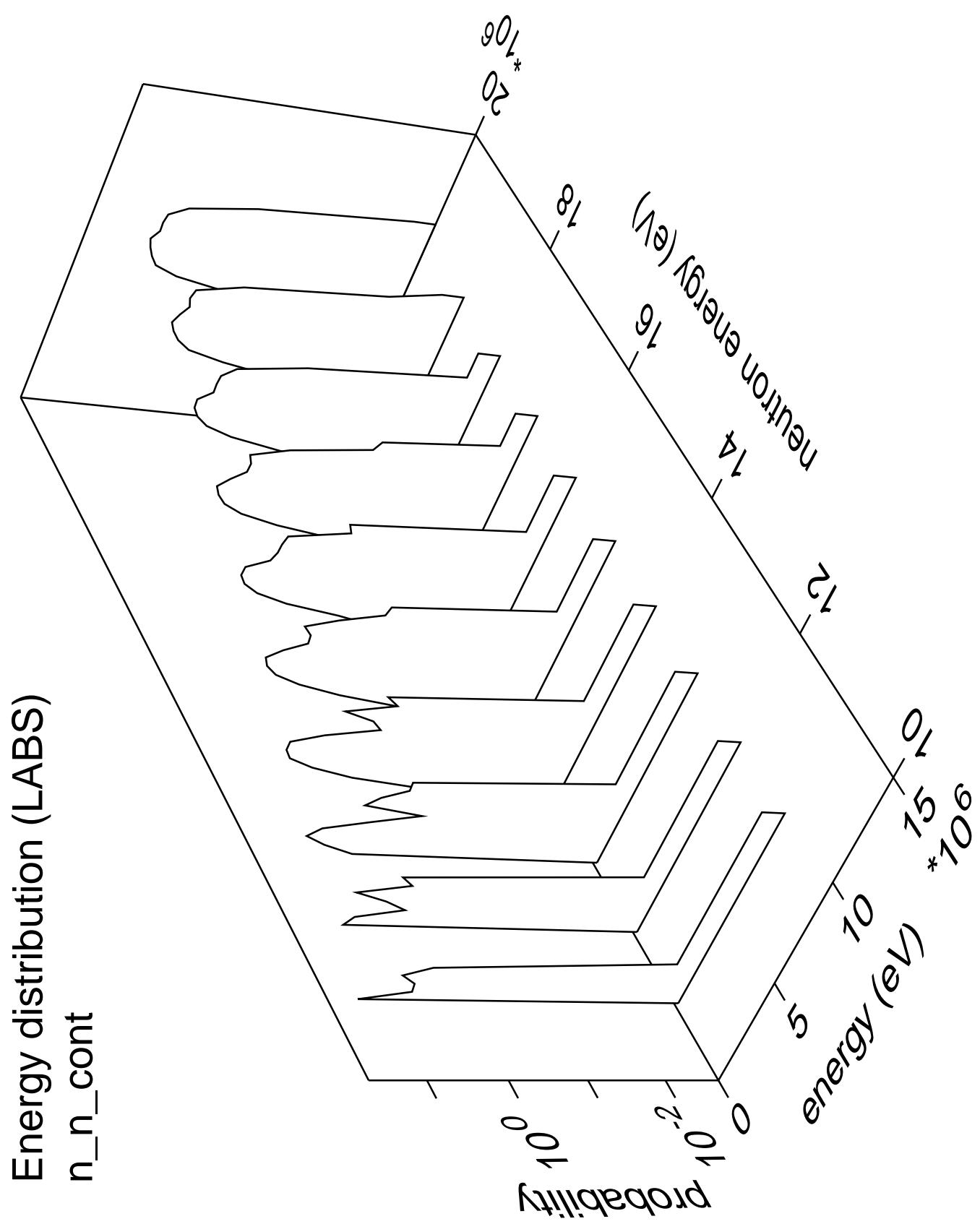




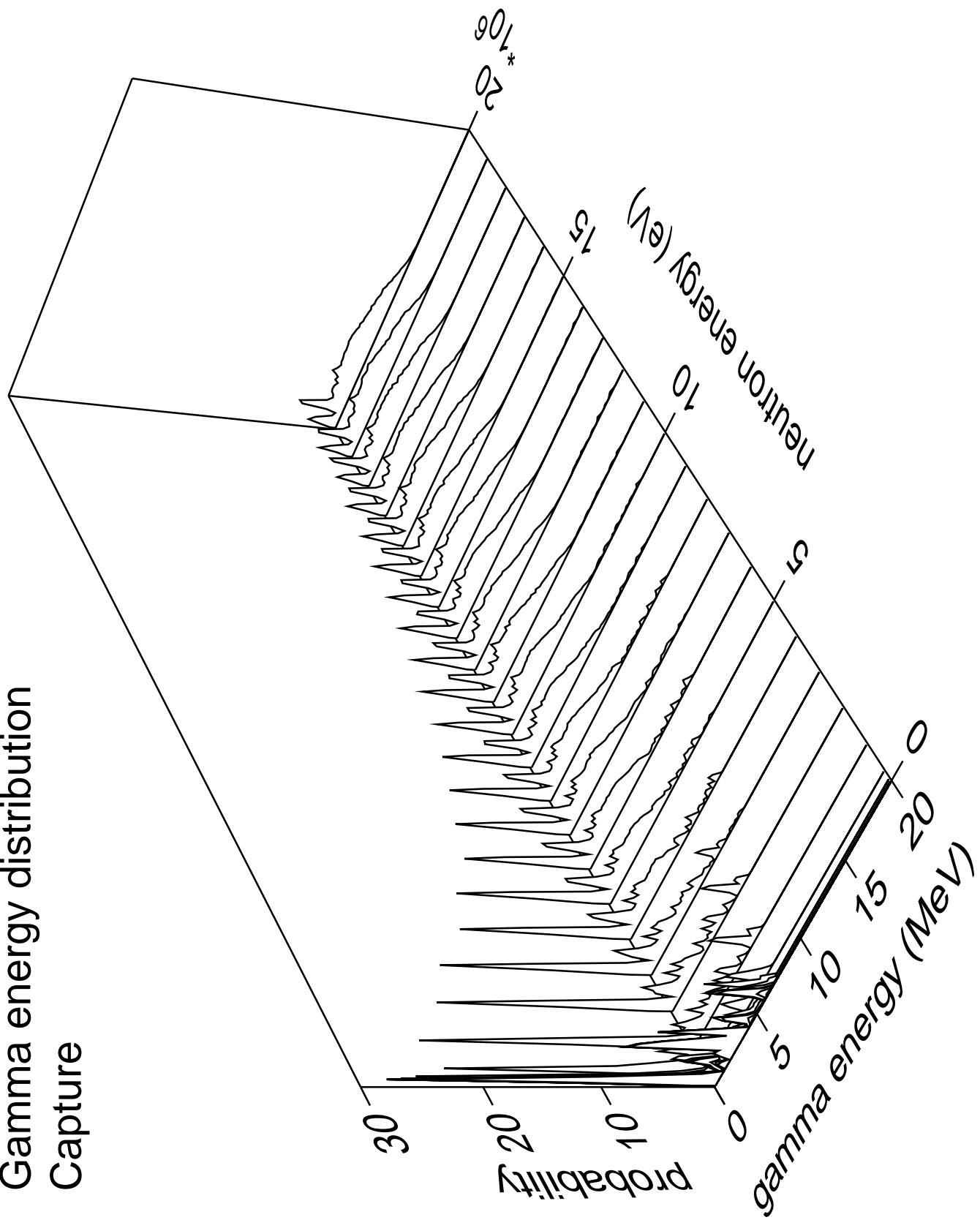




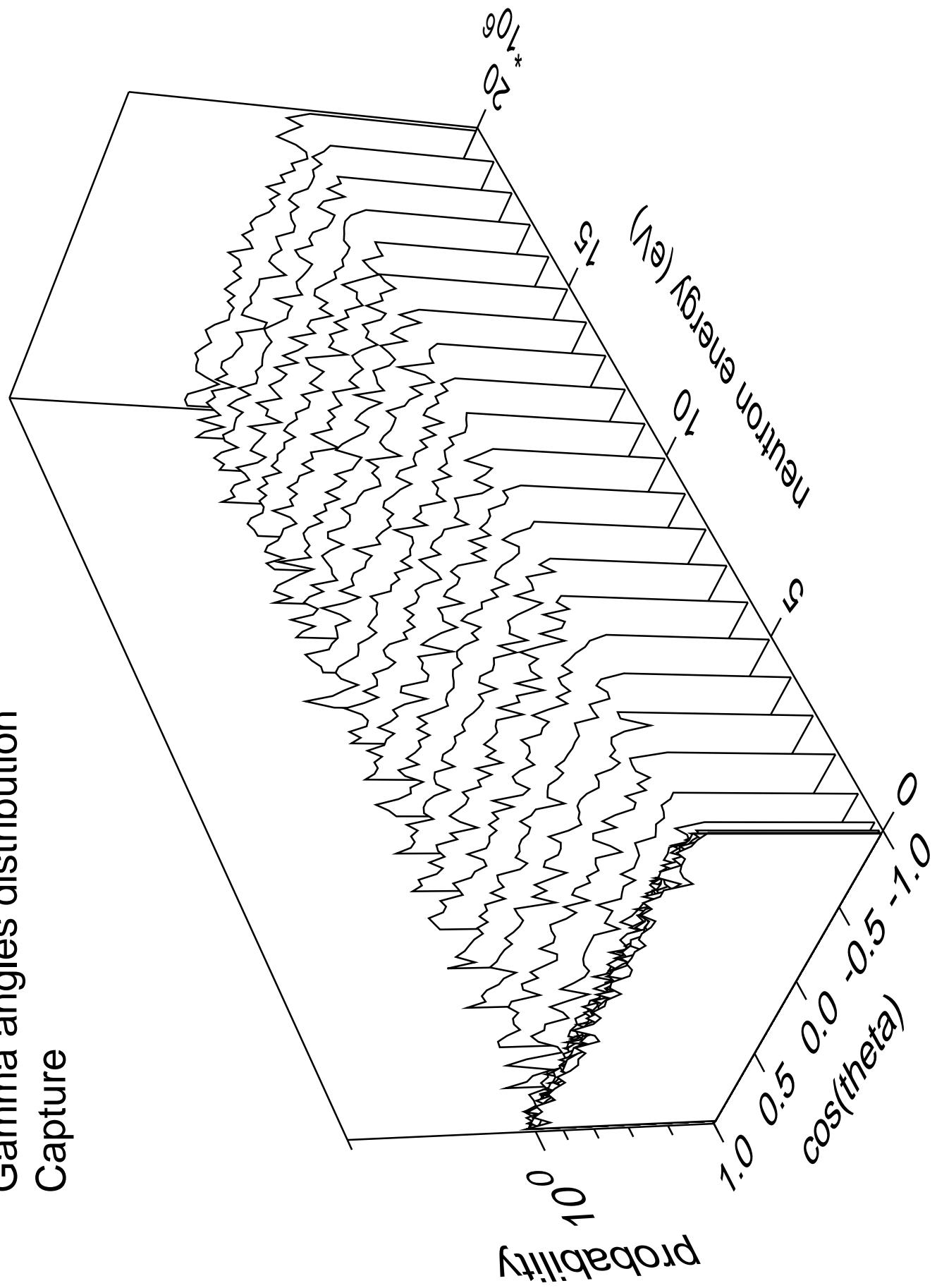




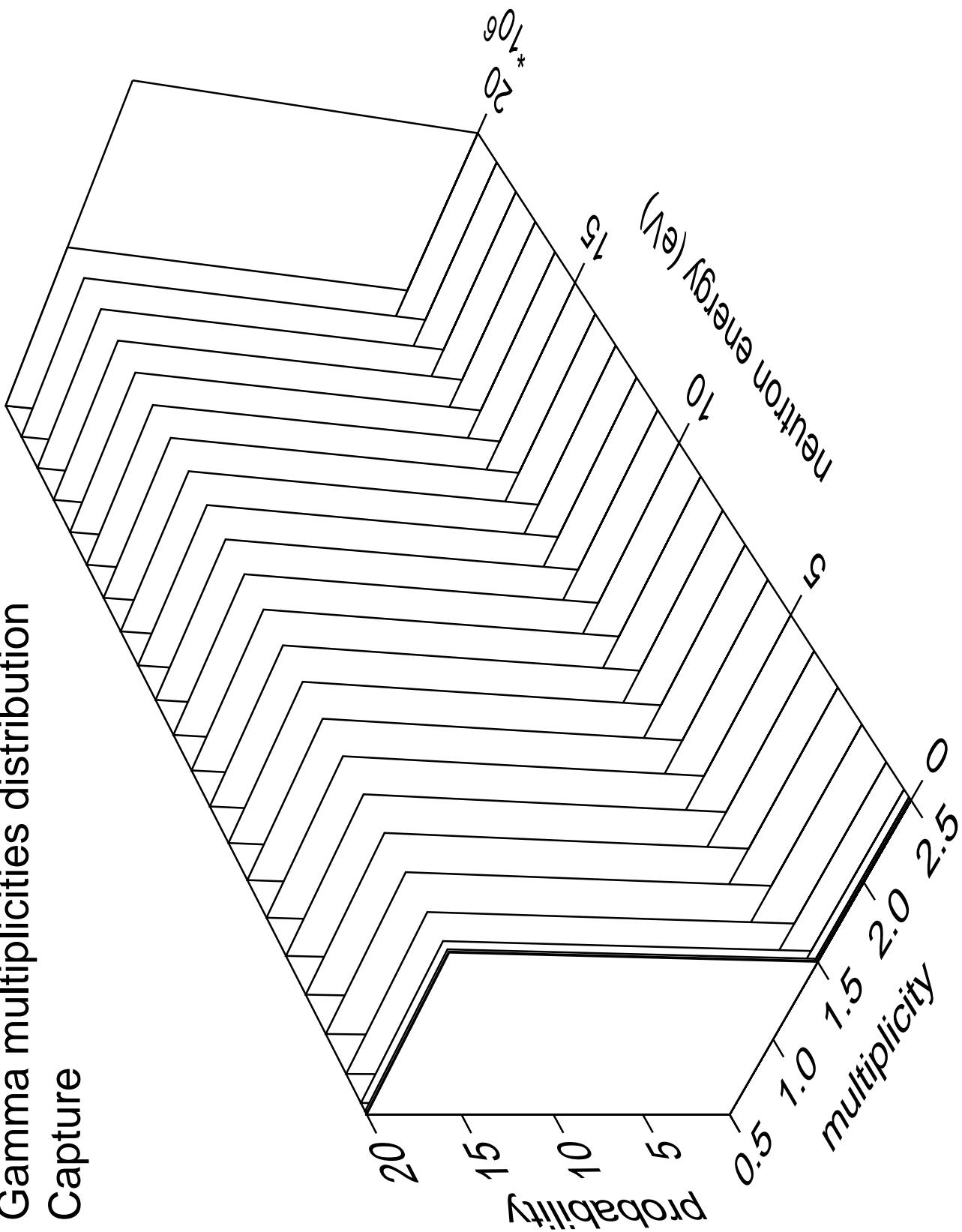
# Gamma energy distribution Capture



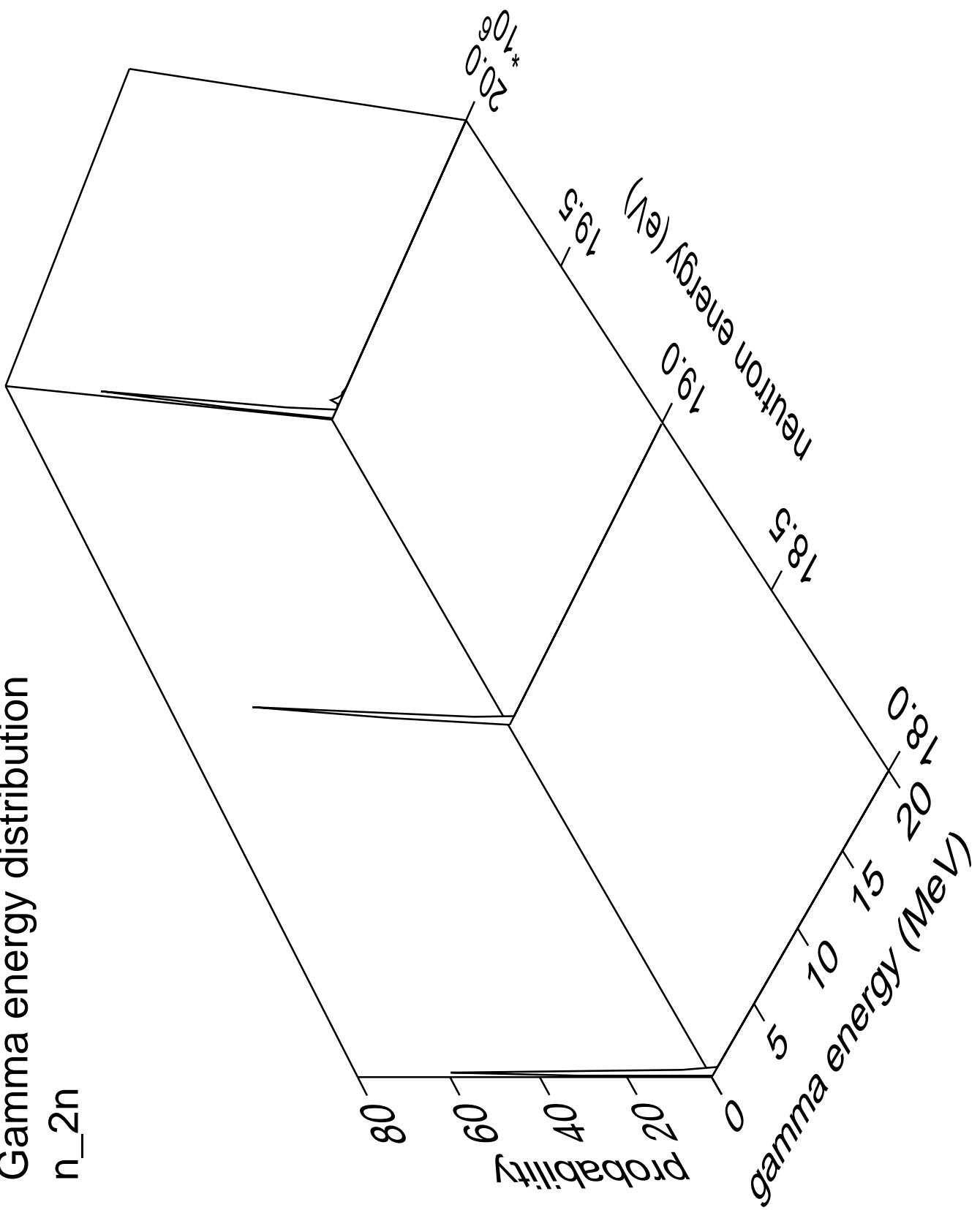
# Gamma angles distribution Capture



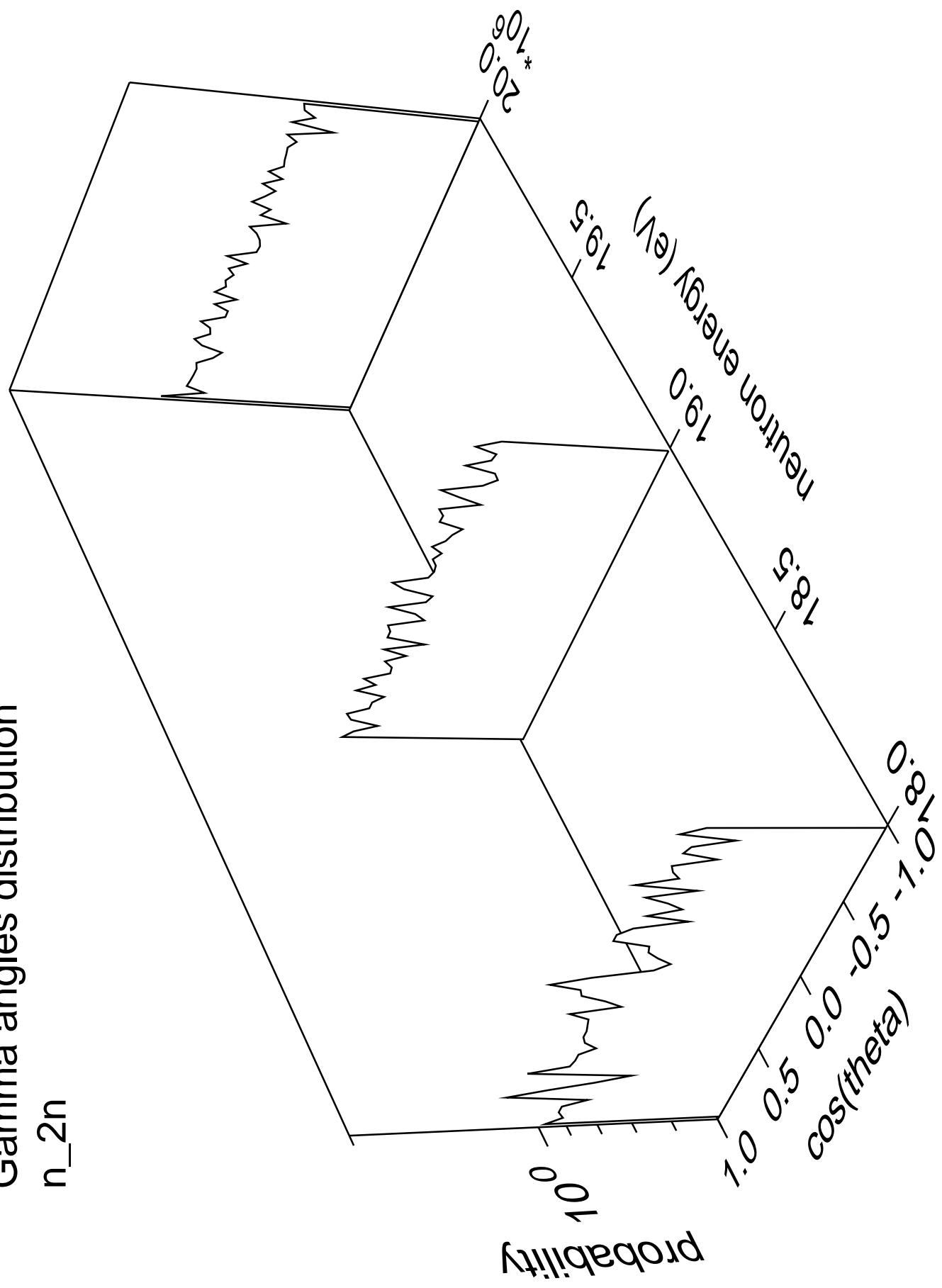
# Gamma multiplicities distribution Capture



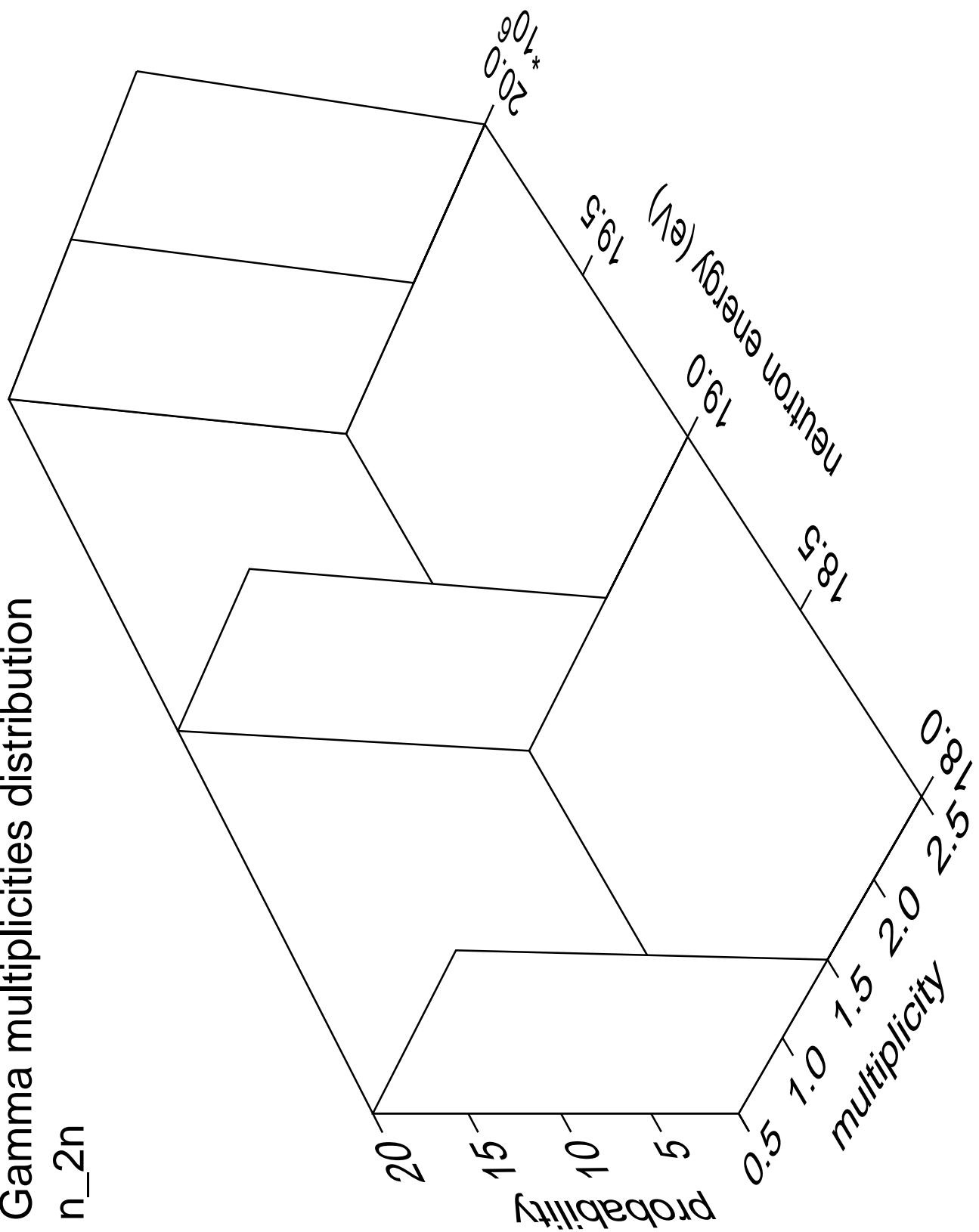
# Gamma energy distribution n\_2n

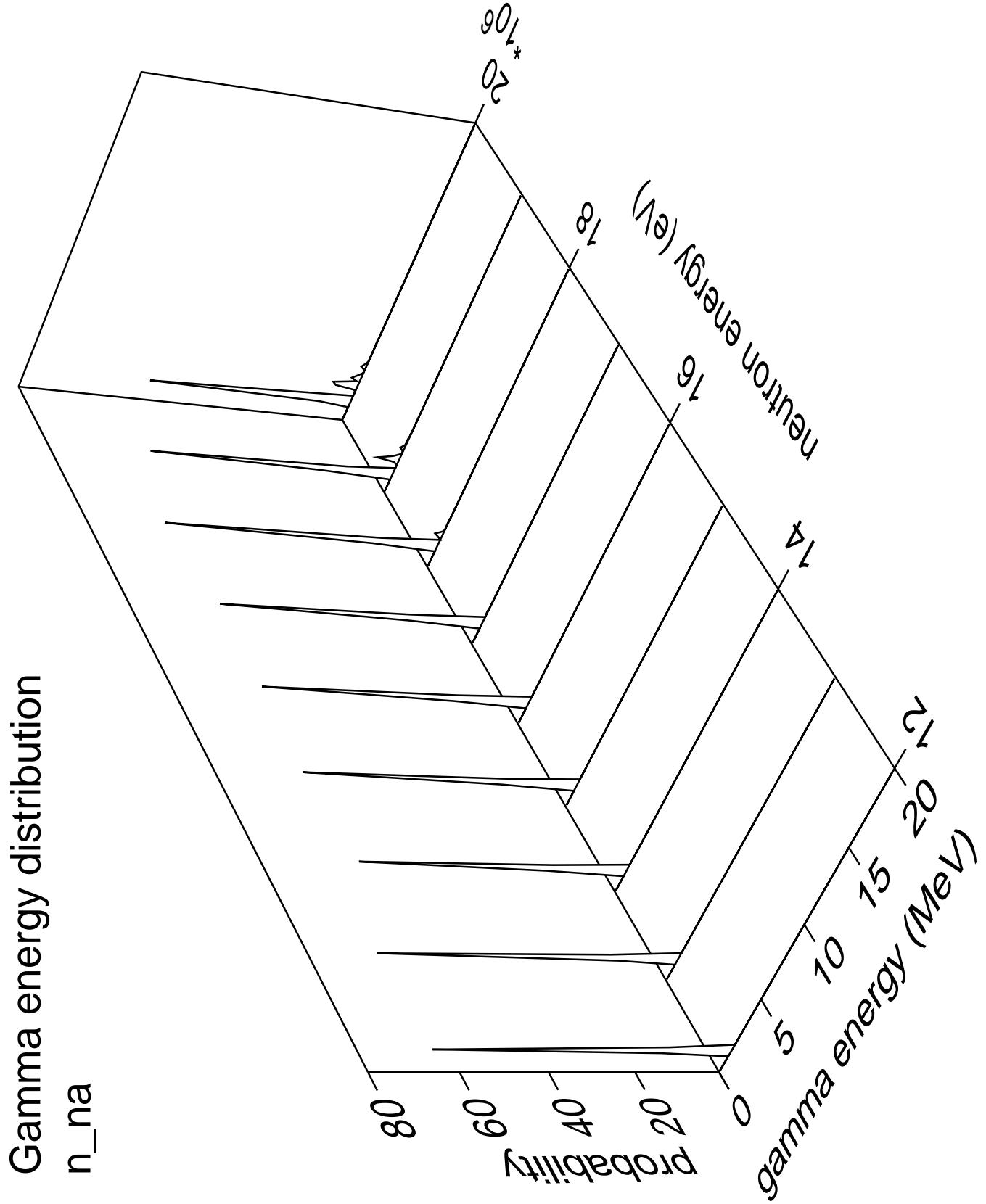


Gamma angles distribution  
n\_2n



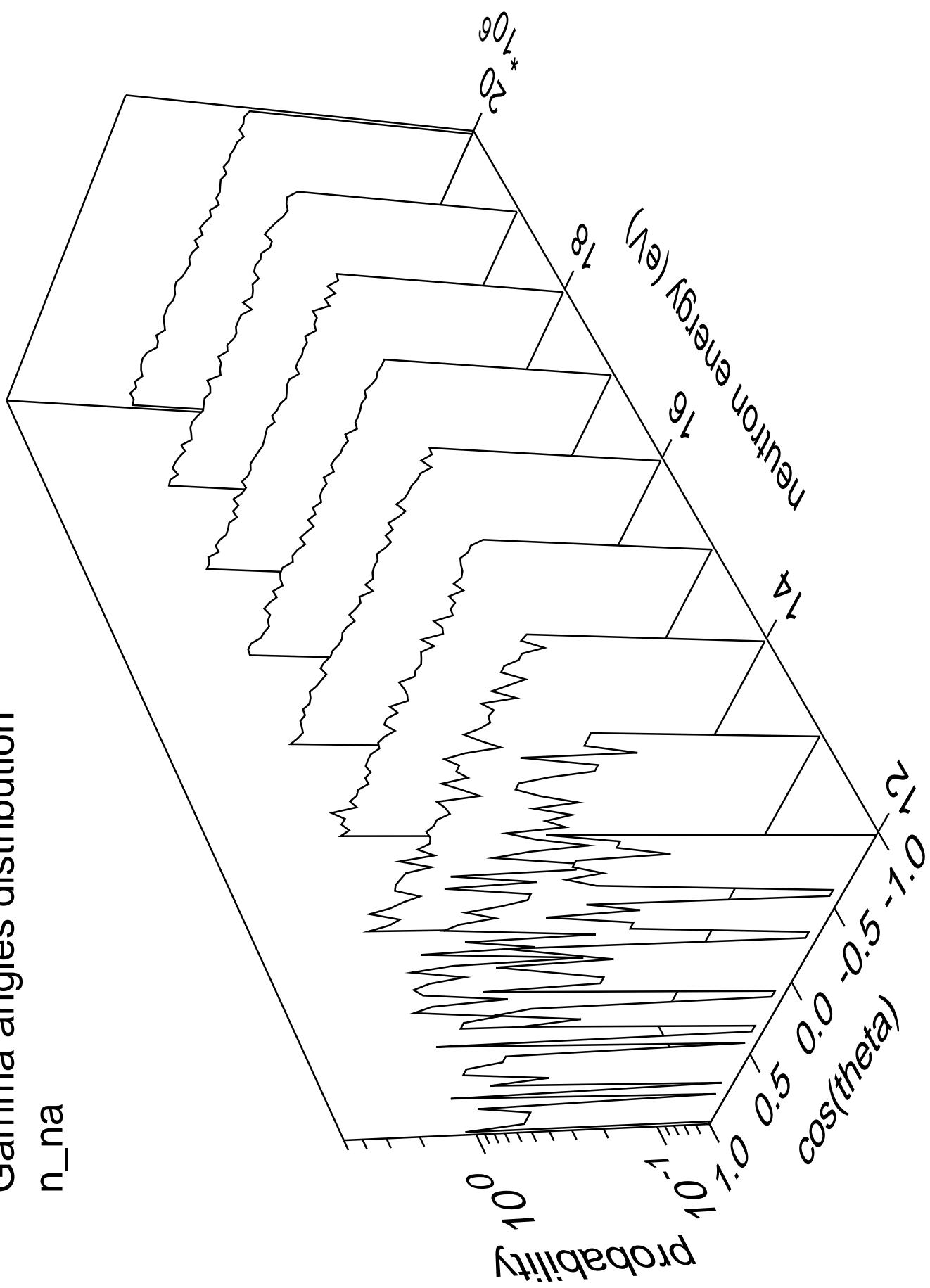
# Gamma multiplicities distribution n\_2n

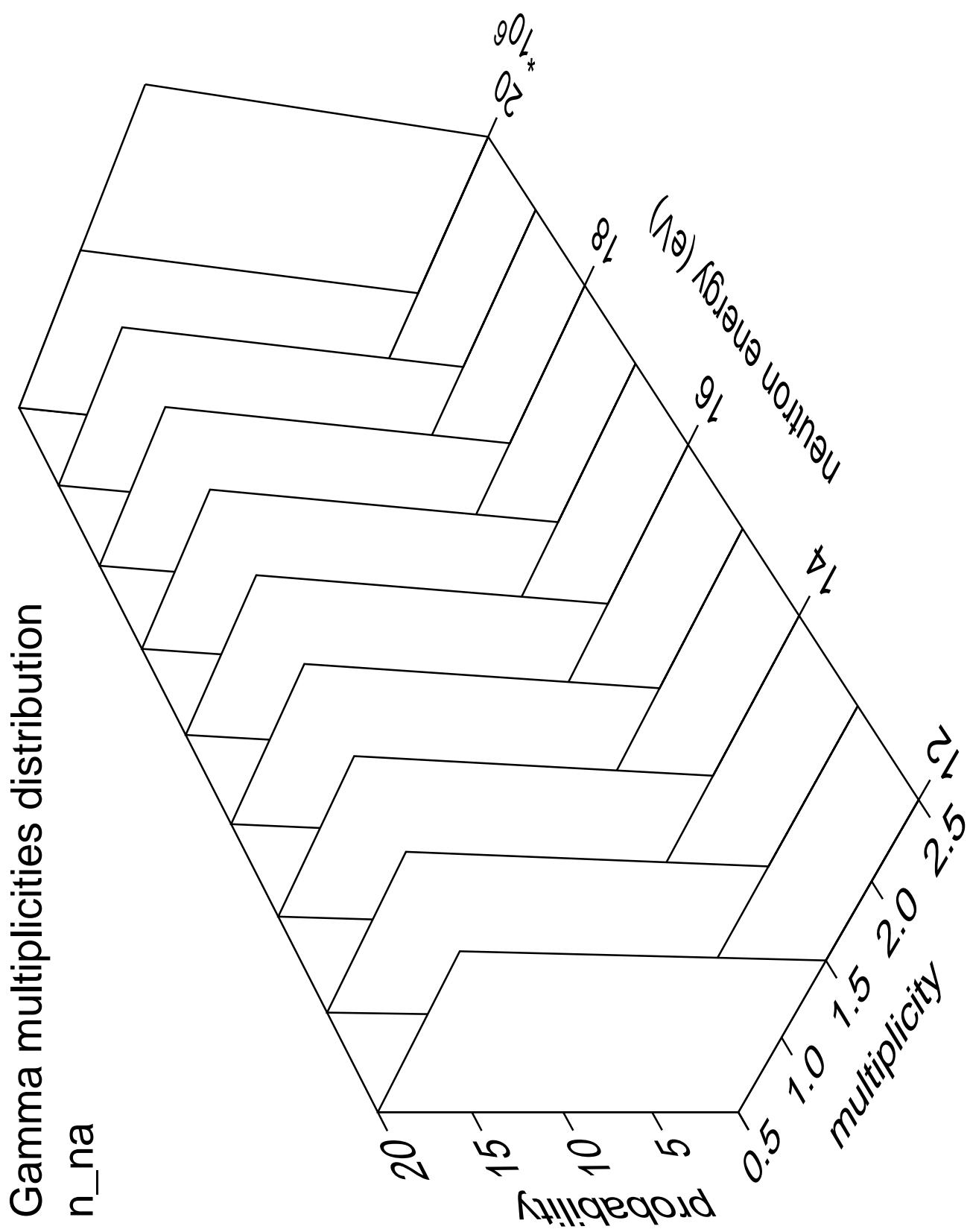




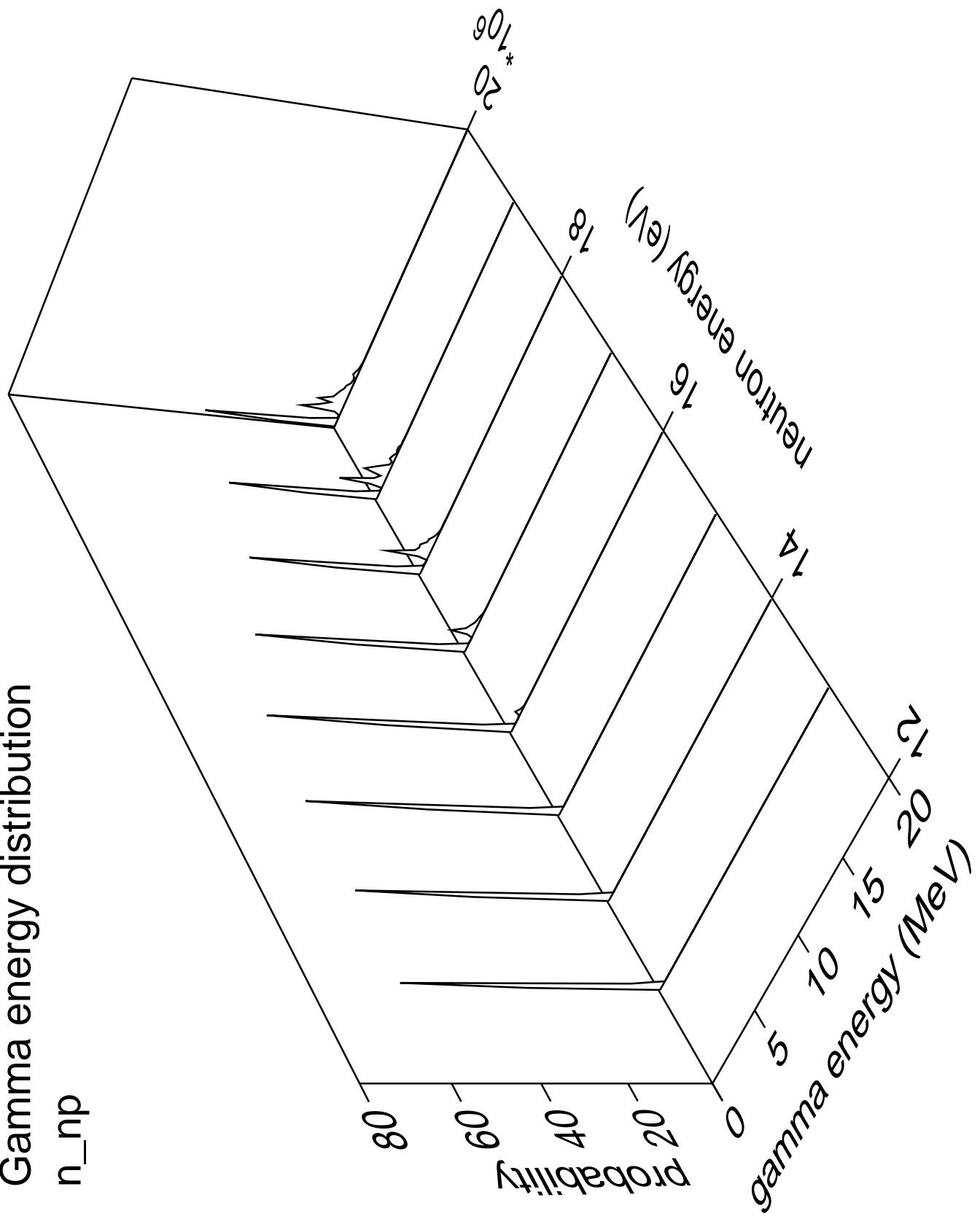
Gamma angles distribution

$n_{na}$

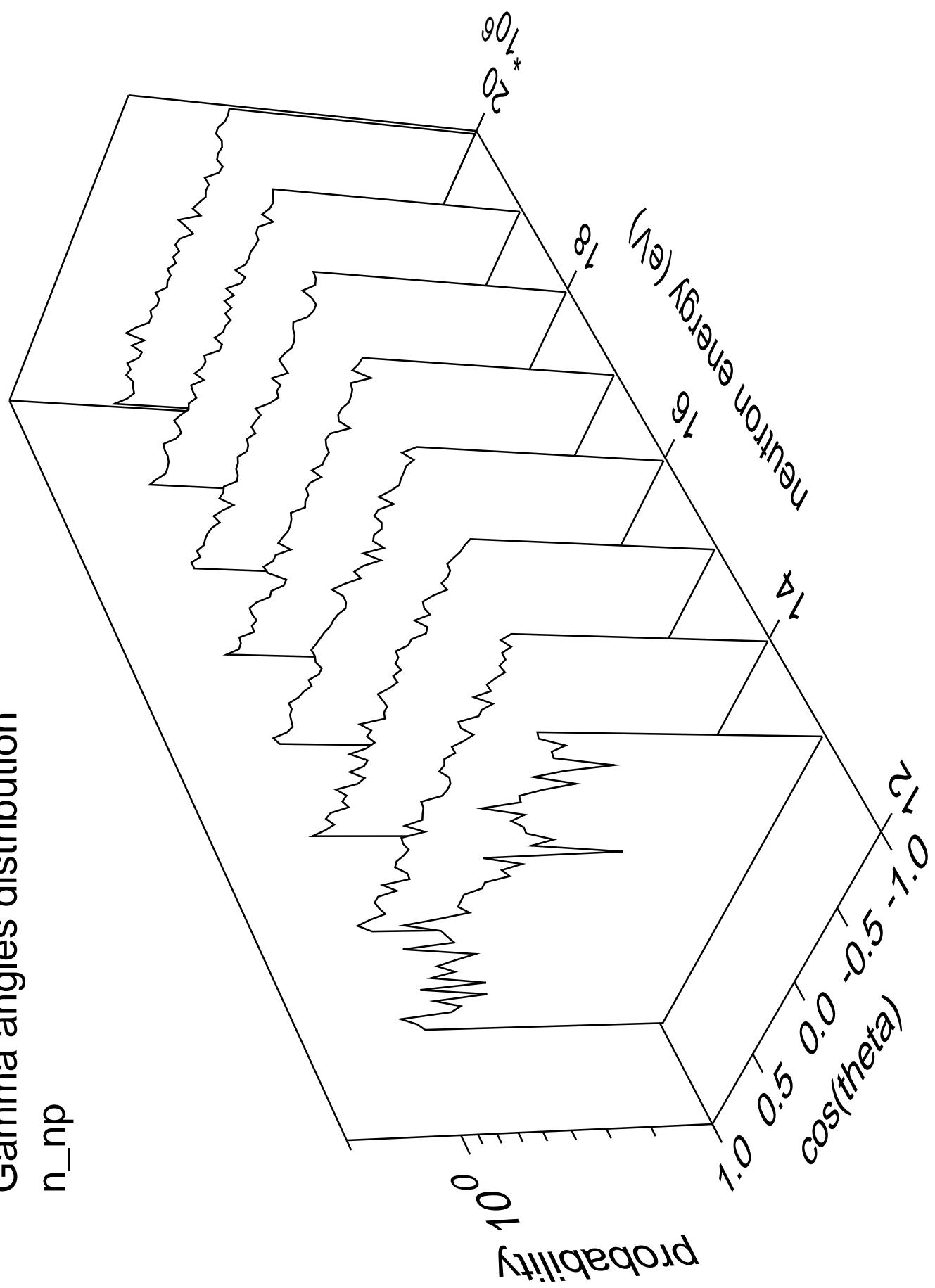


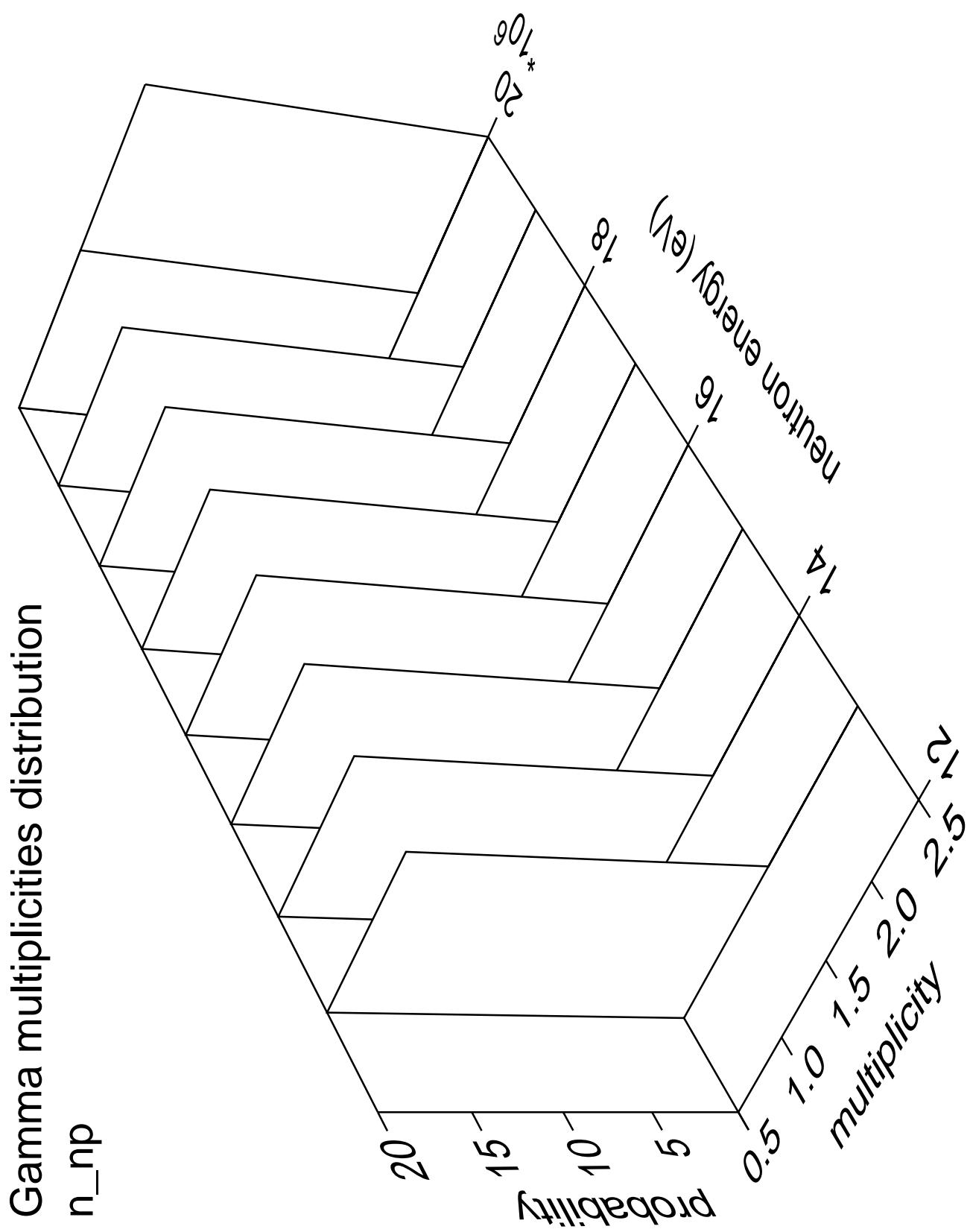


Gamma energy distribution  
 $n_{np}$

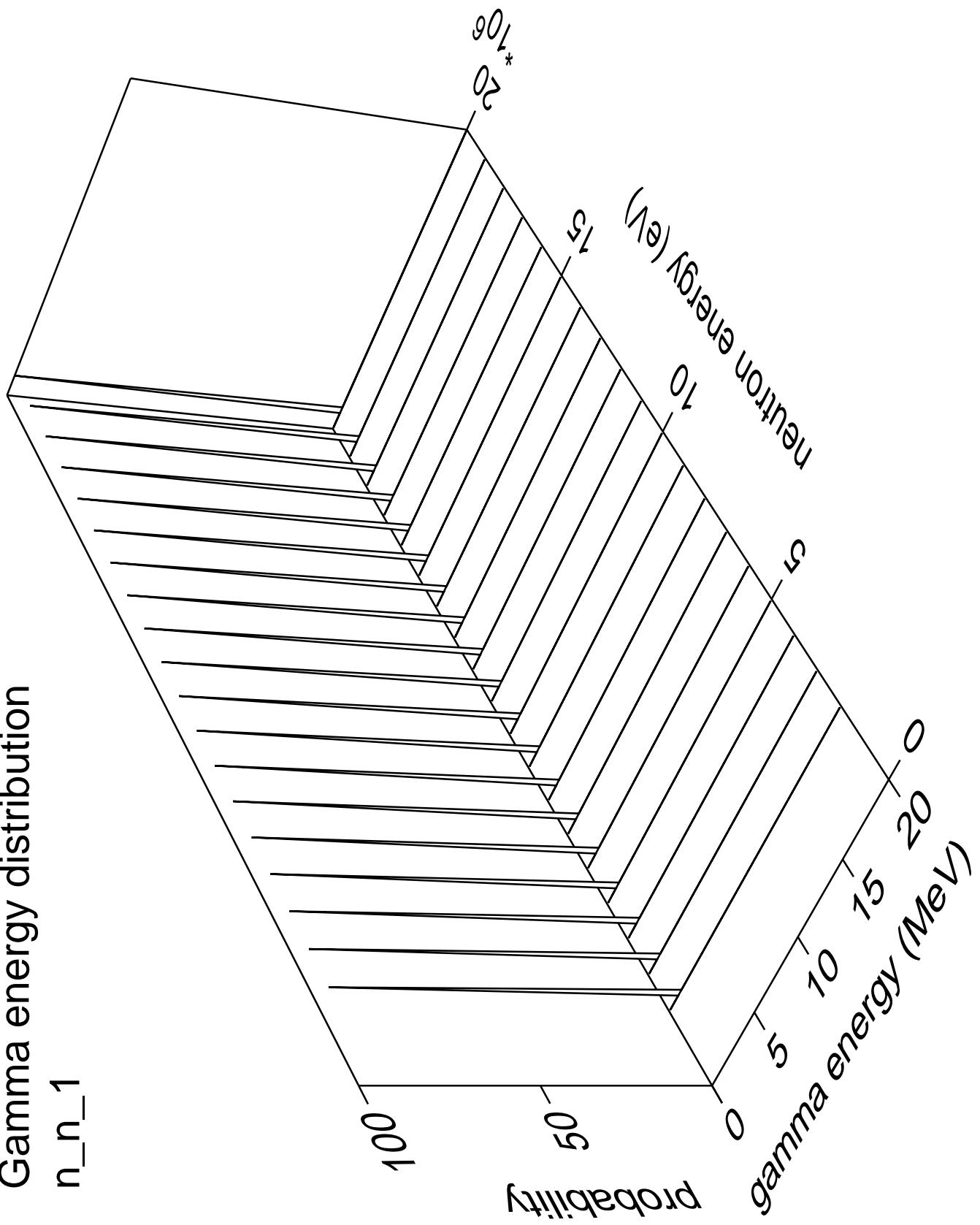


Gamma angles distribution  
 $n_{np}$





# $n_n_1$



Gamma angles distribution

$n_{n_1}$

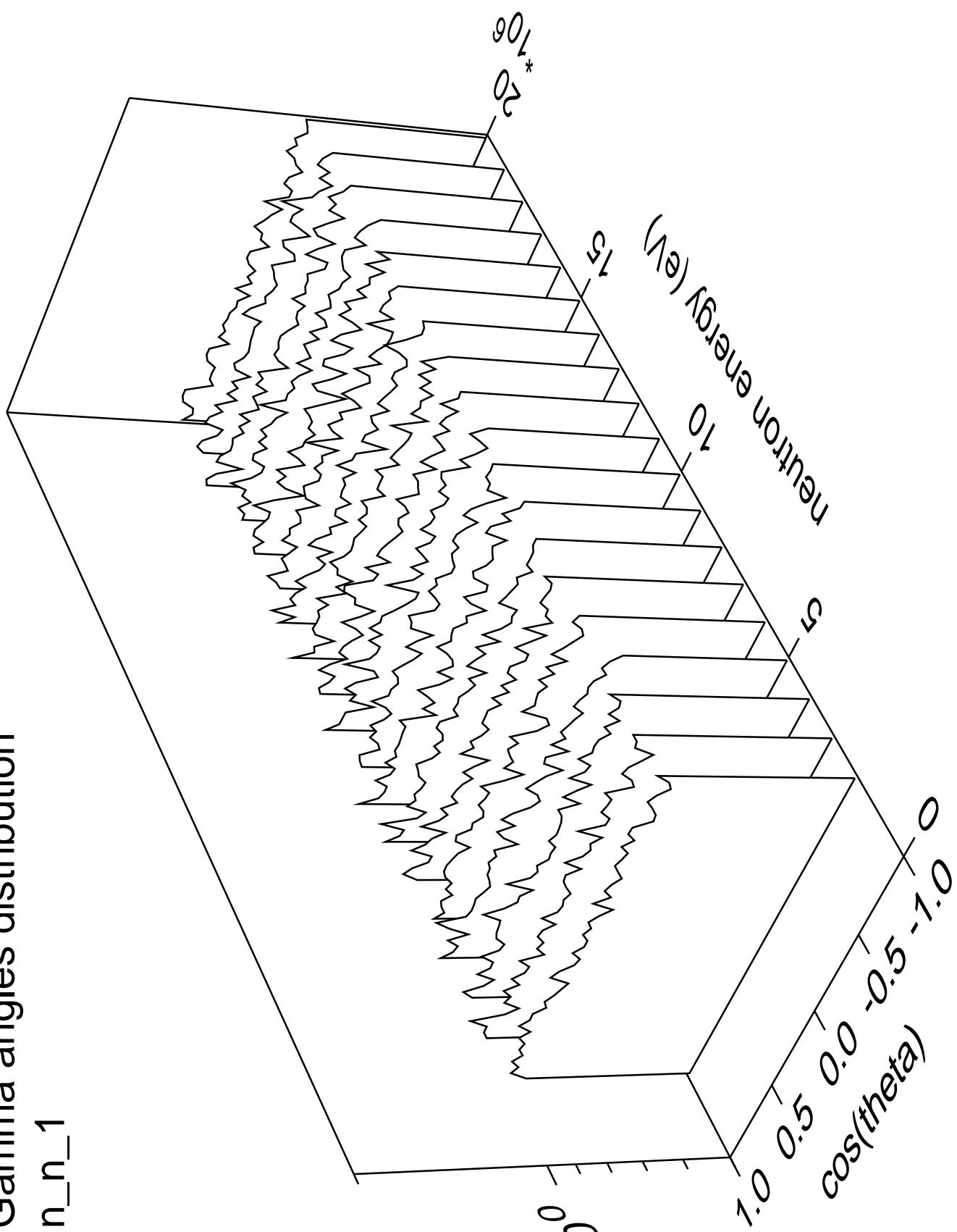
Probability

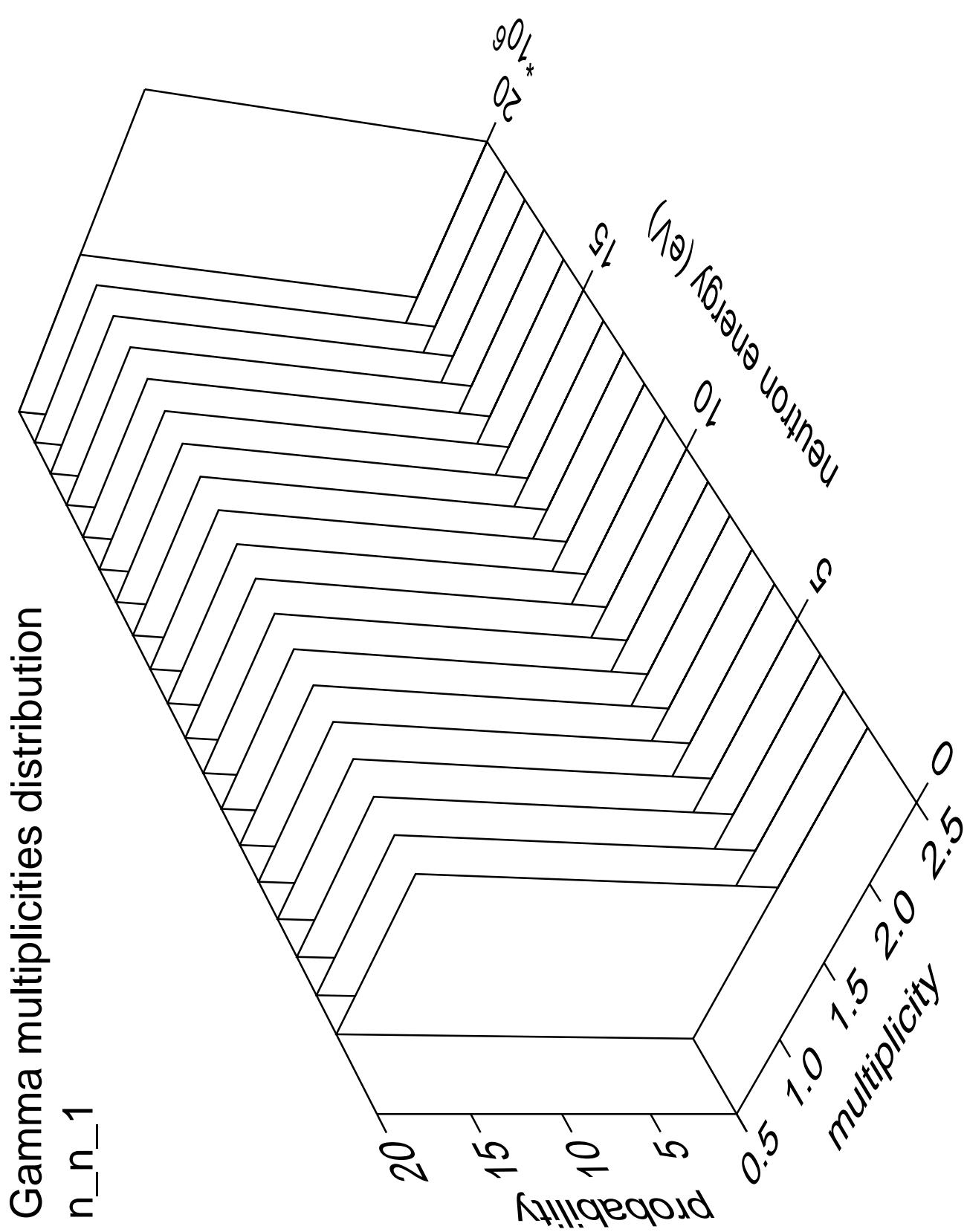
$10^0$

1.0 0.5 0.0 -0.5 -1.0  
 $\cos(\theta)$

neutron energy (eV)  
10 5 0

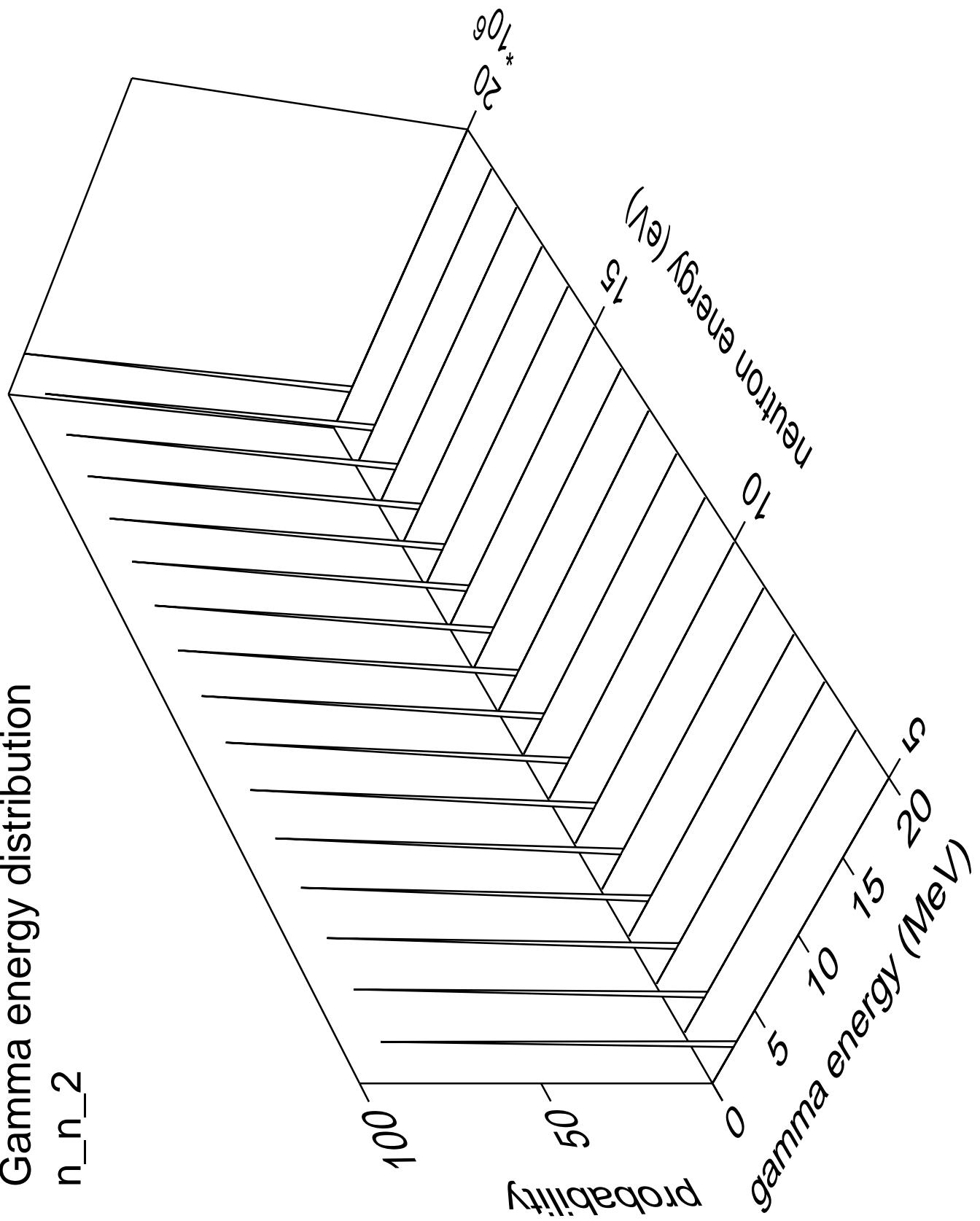
100  
20  
15  
10  
5  
0





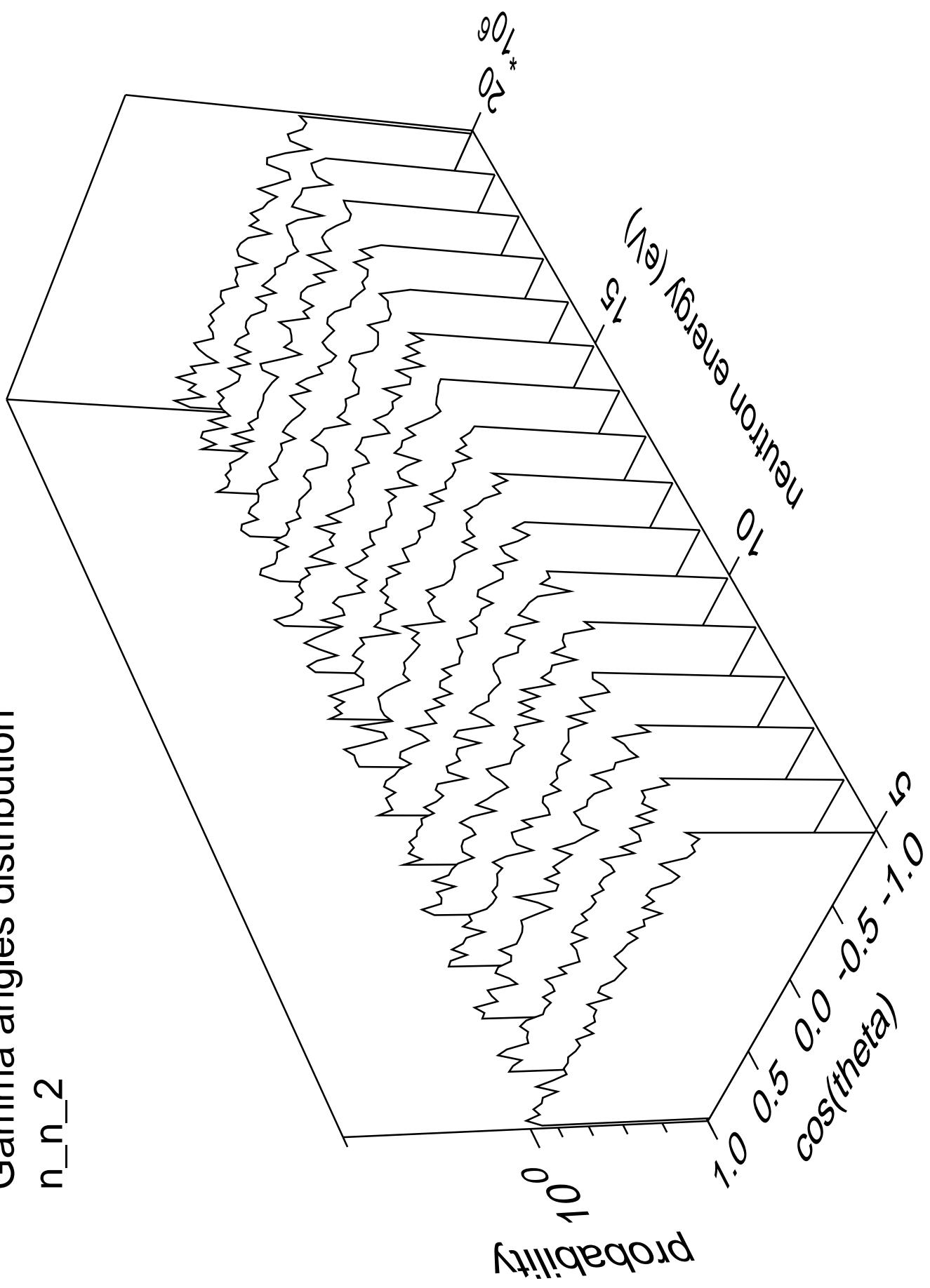
## Gamma energy distribution

n\_n\_2

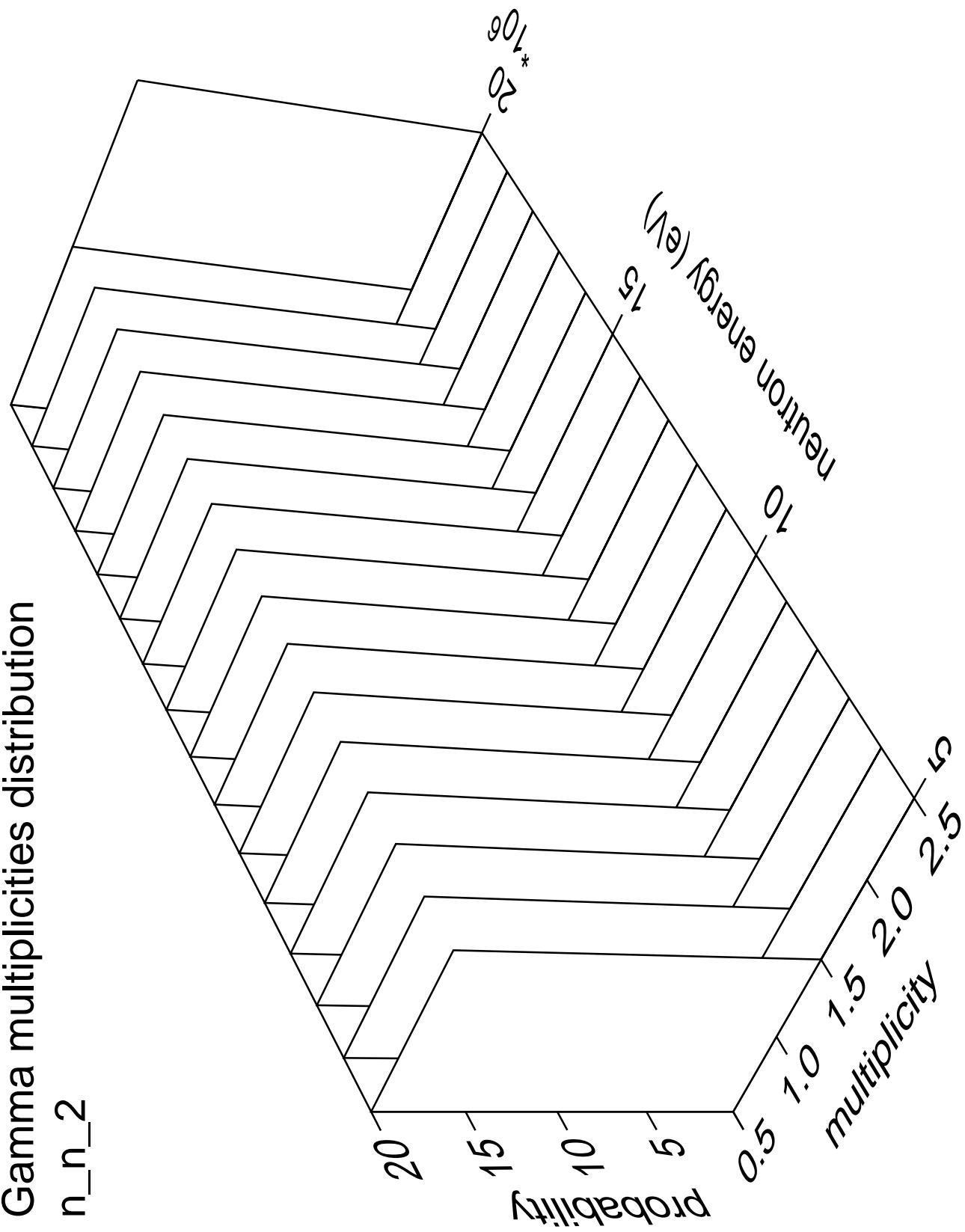


Gamma angles distribution

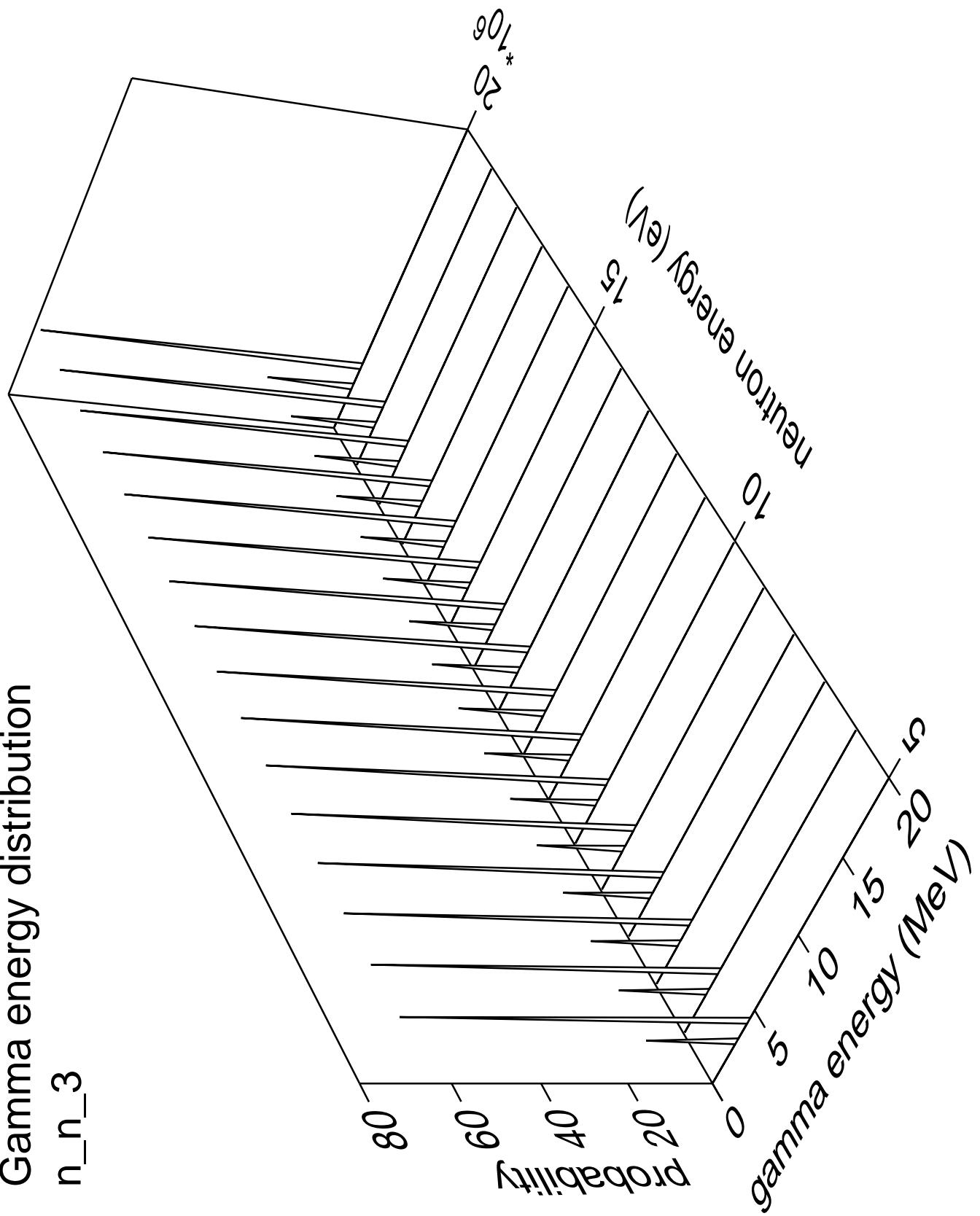
n\_n\_2



## Gamma multiplicities distribution

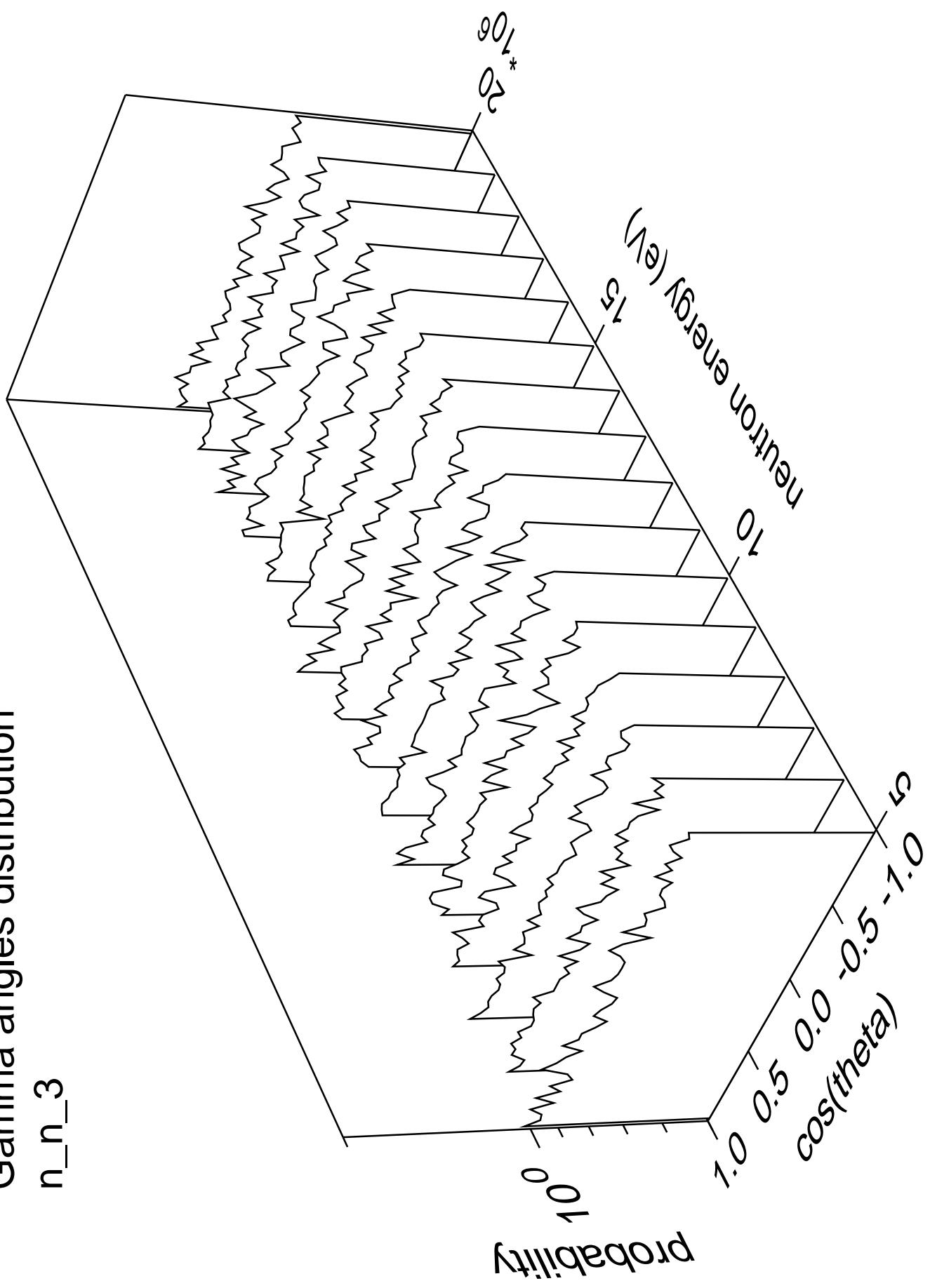


### Gamma energy distribution

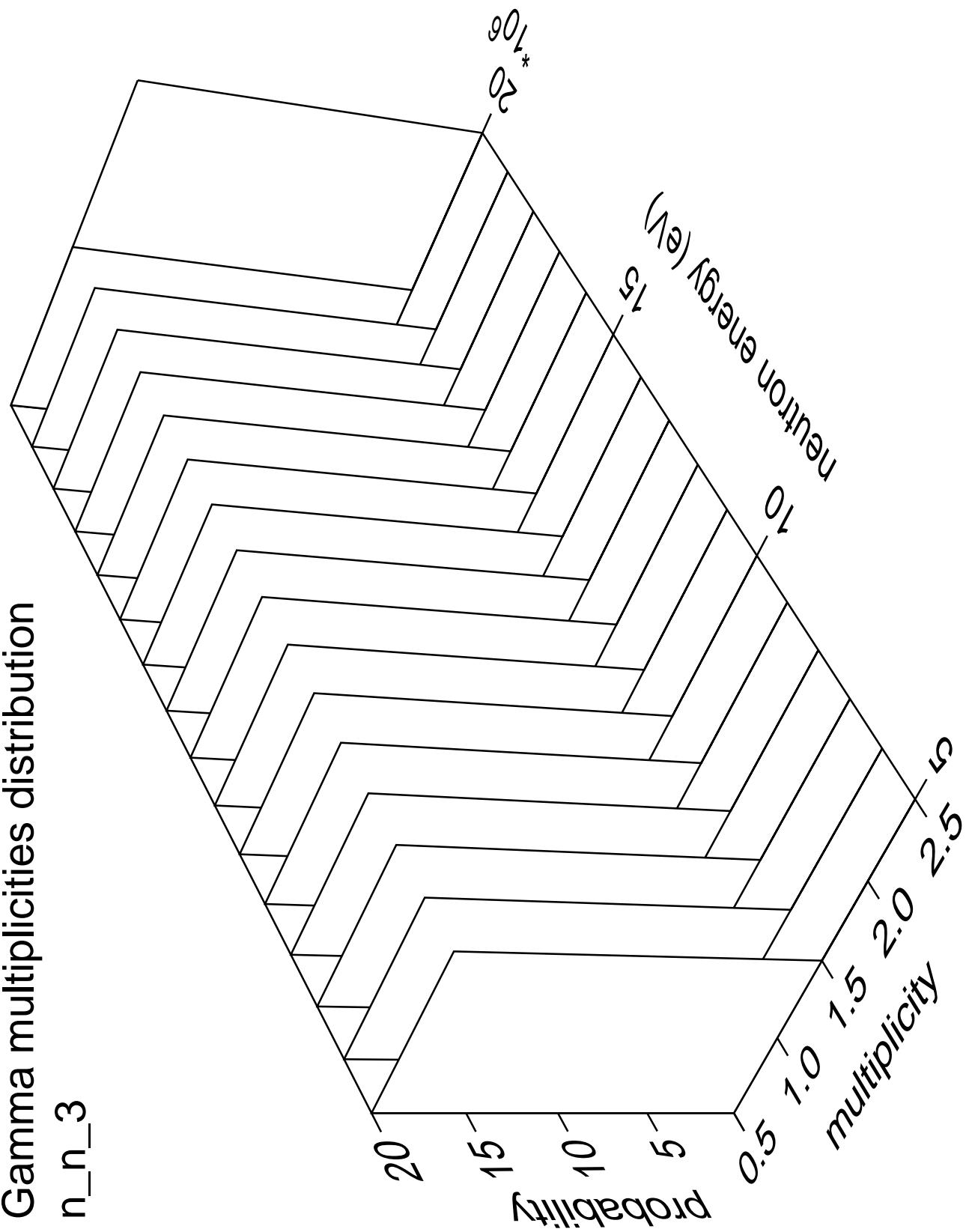


Gamma angles distribution

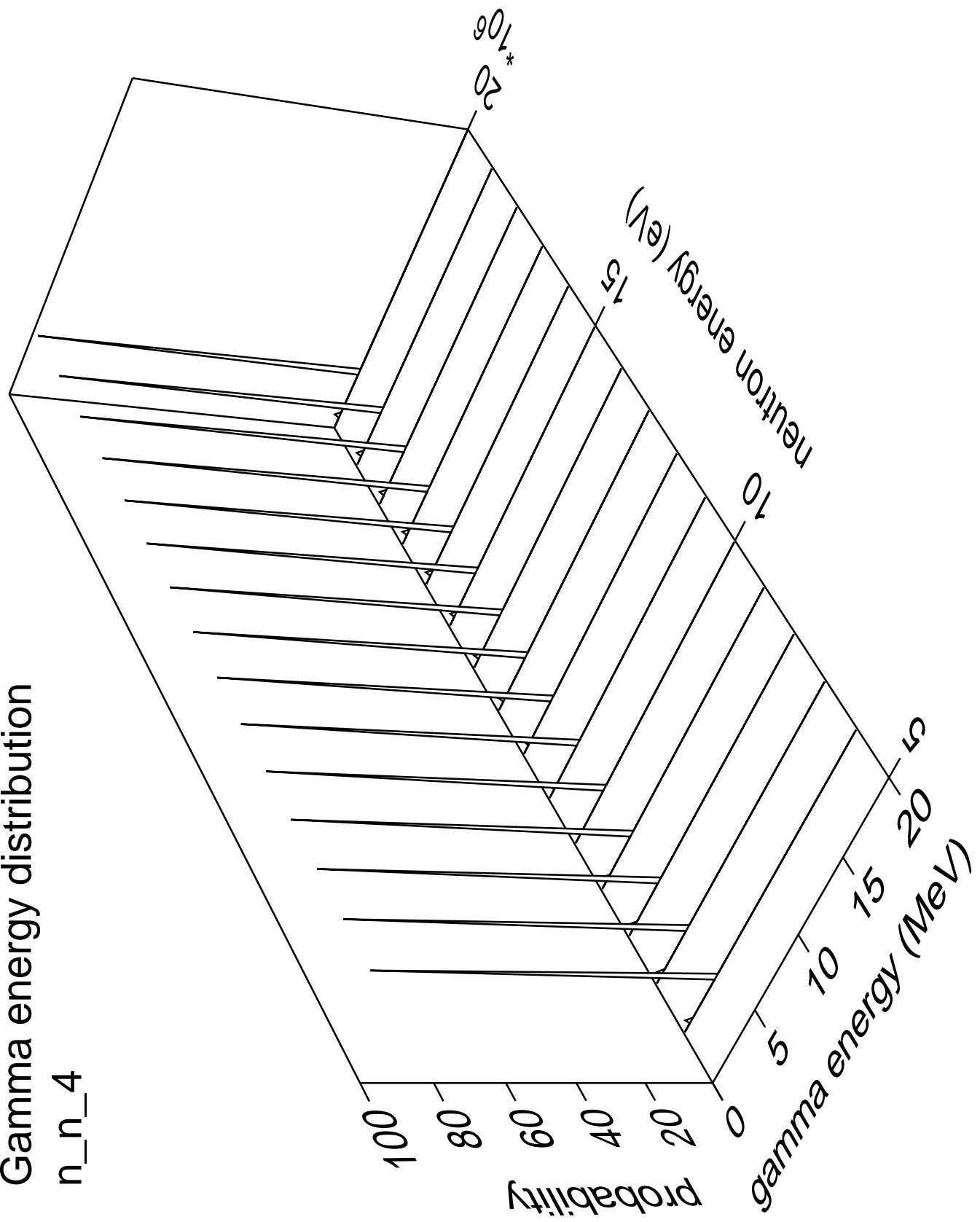
n\_n\_3



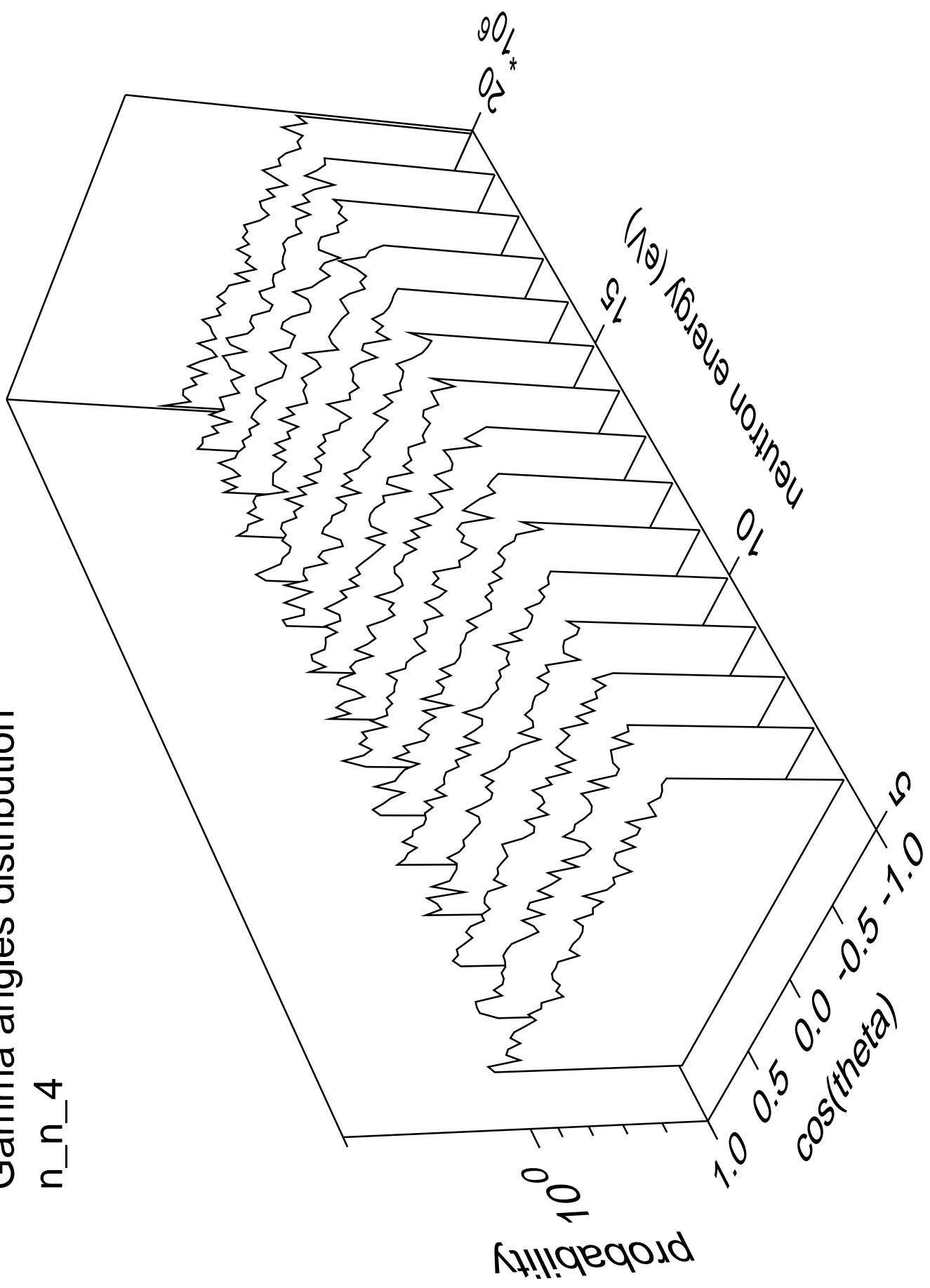
### Gamma multiplicities distribution

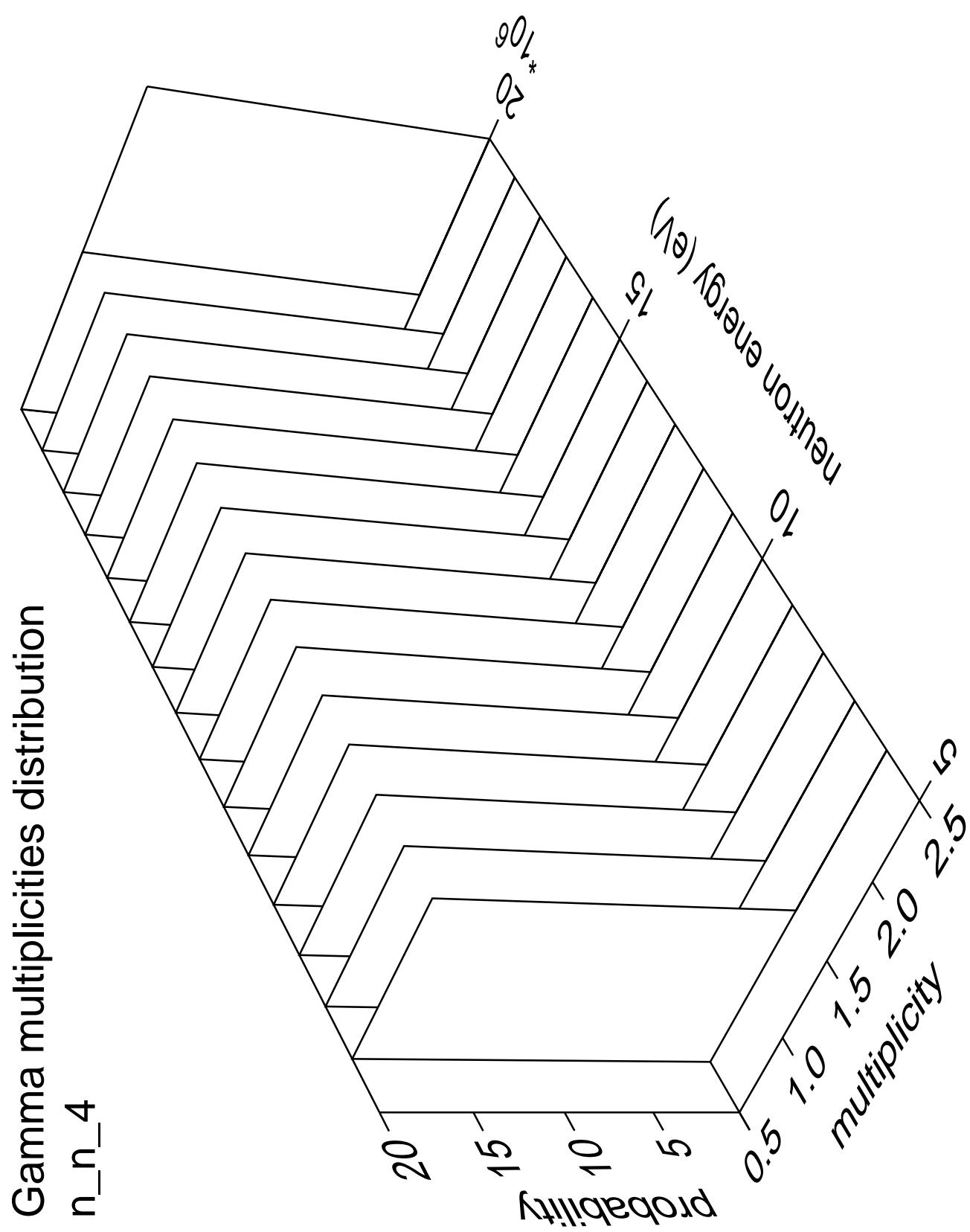


# Gamma energy distribution n\_n\_4

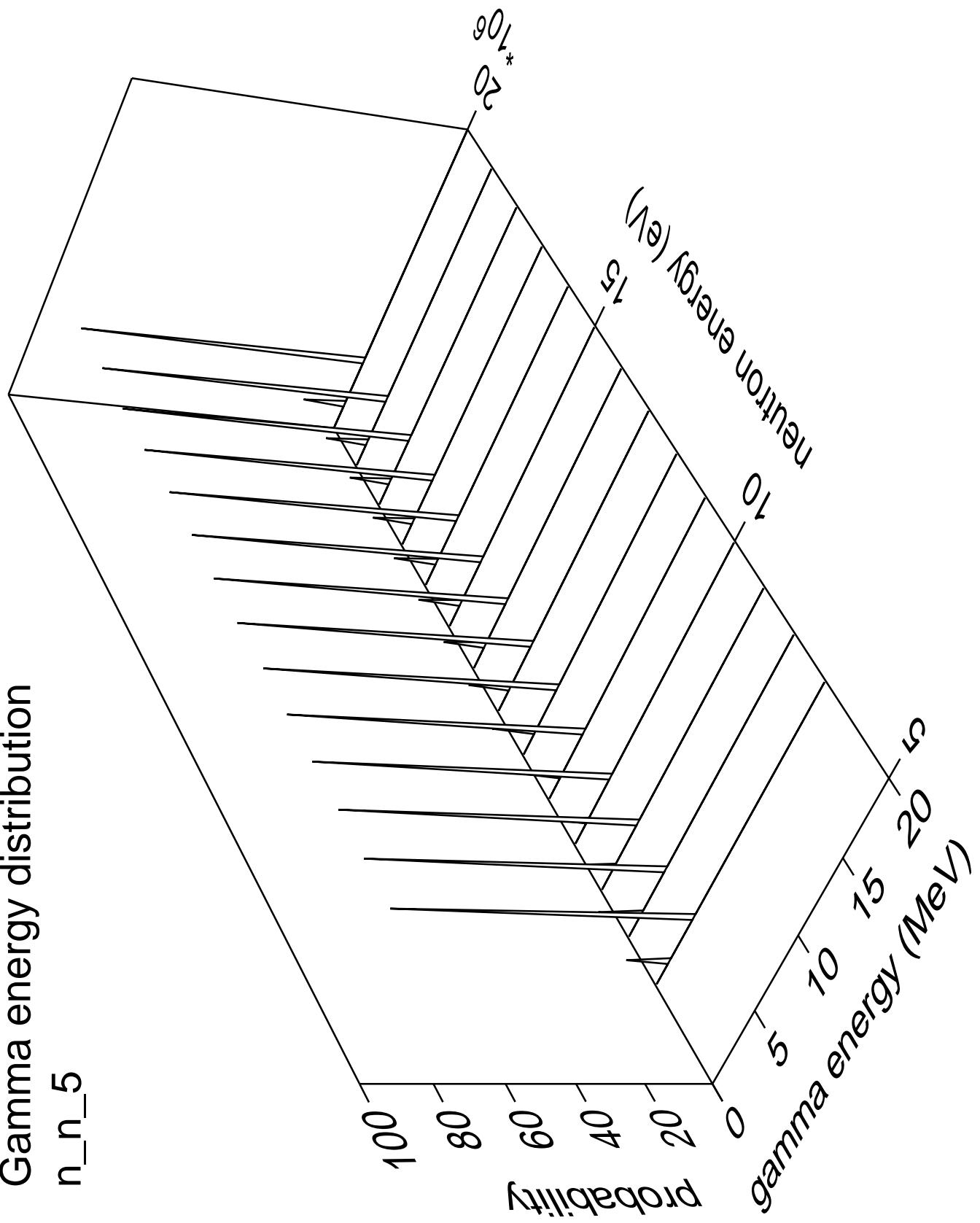


## Gamma angles distribution



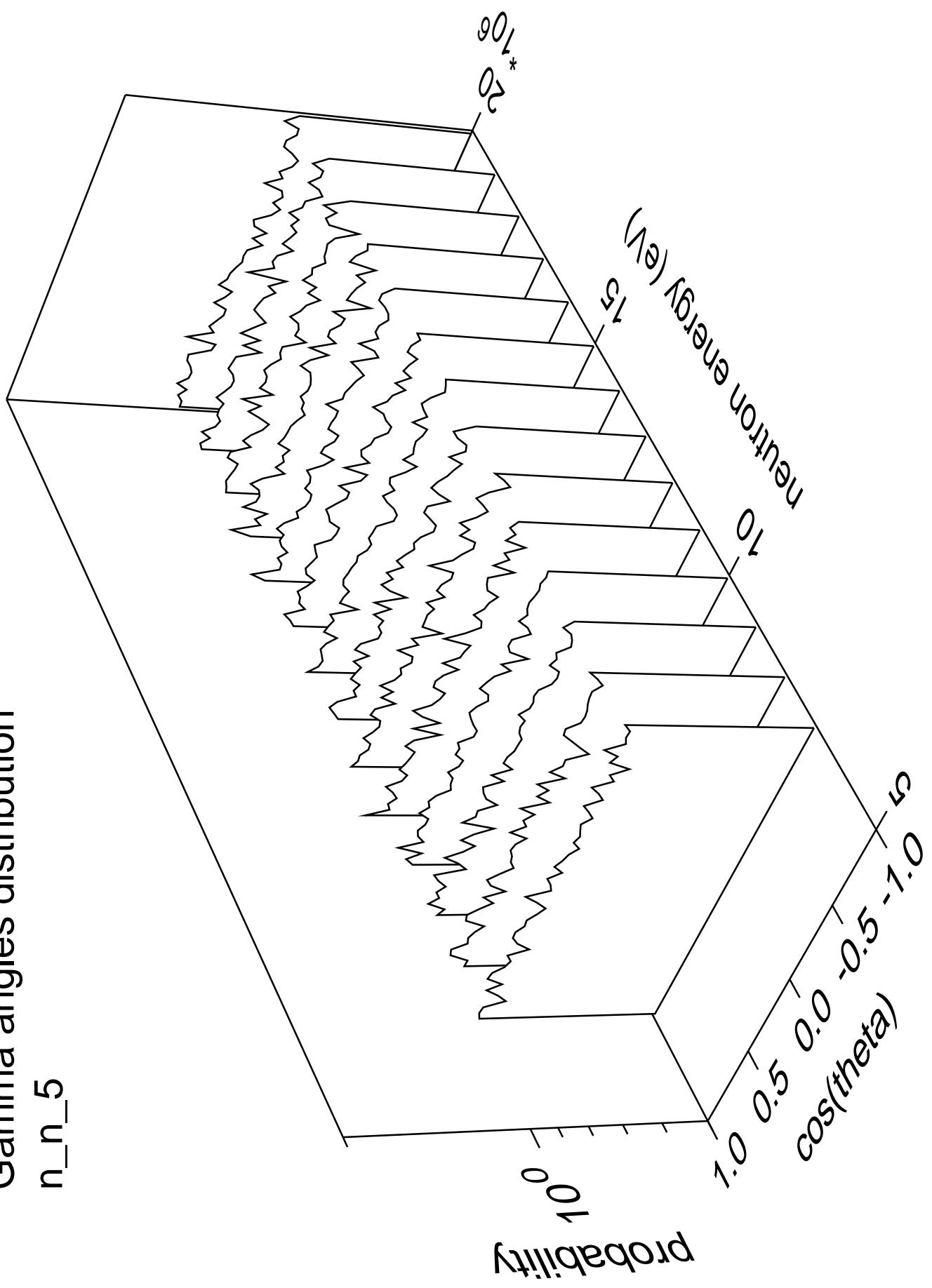


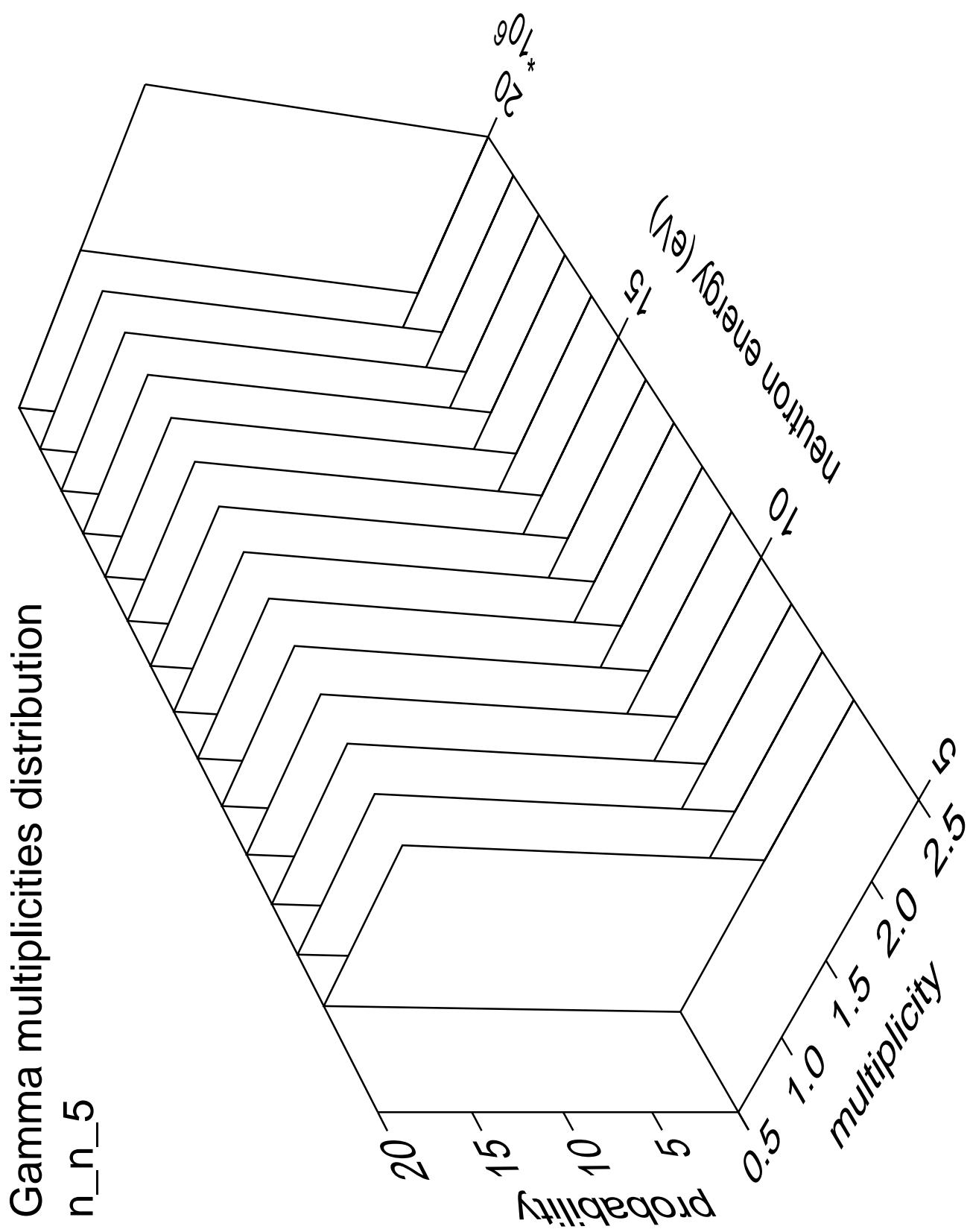
## Gamma energy distribution



Gamma angles distribution

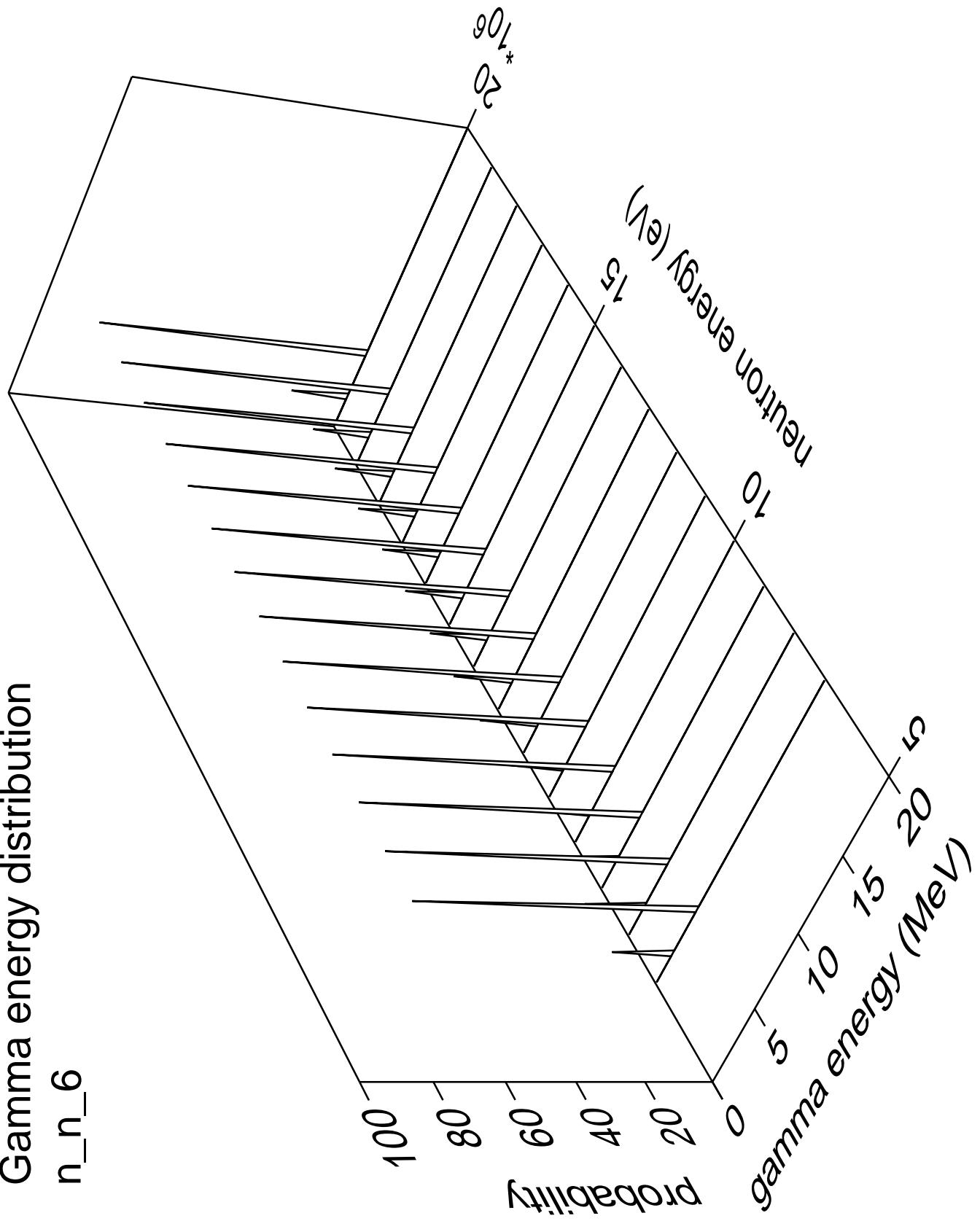
n\_n\_5





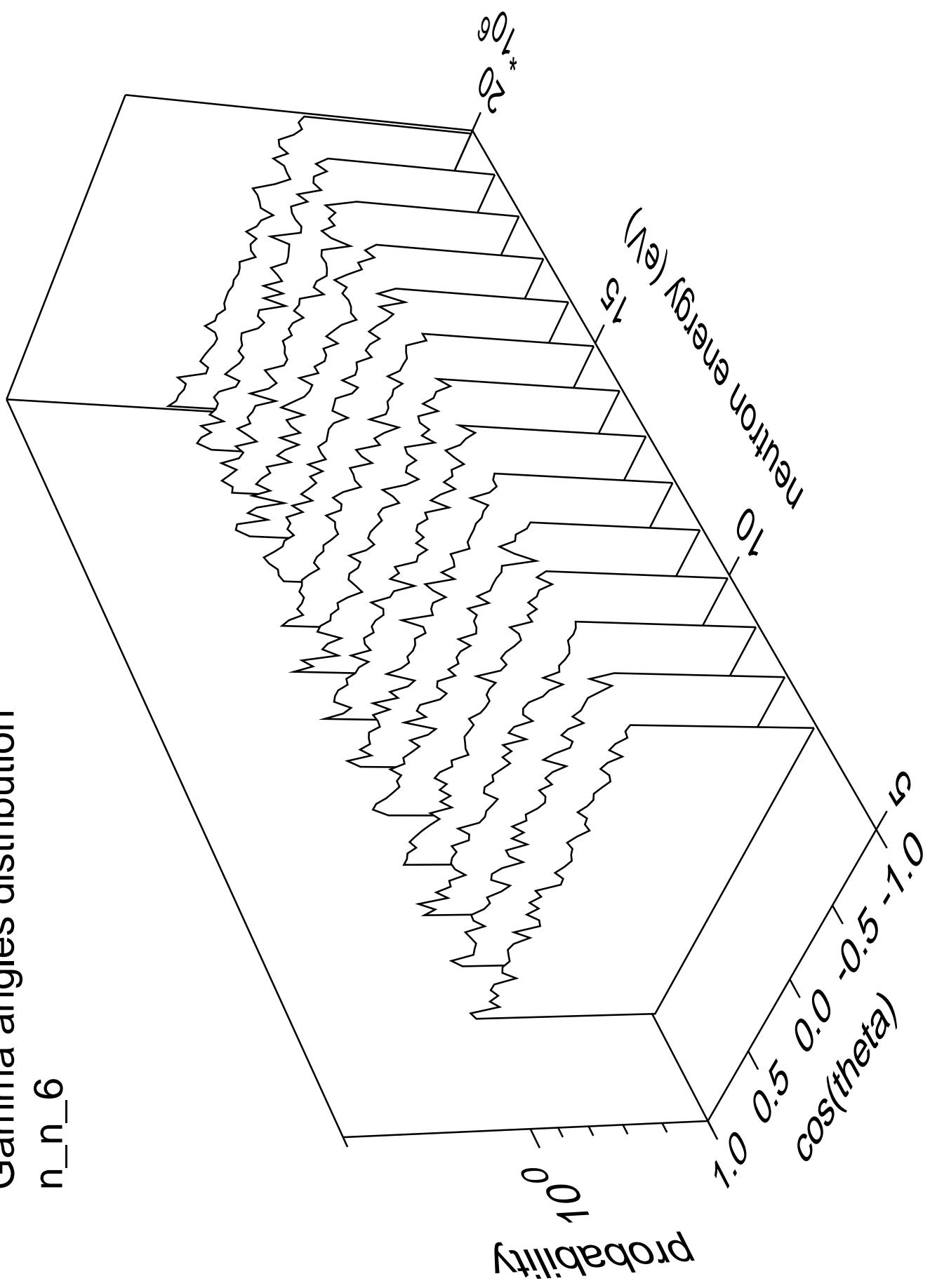
## Gamma energy distribution

n\_n\_6

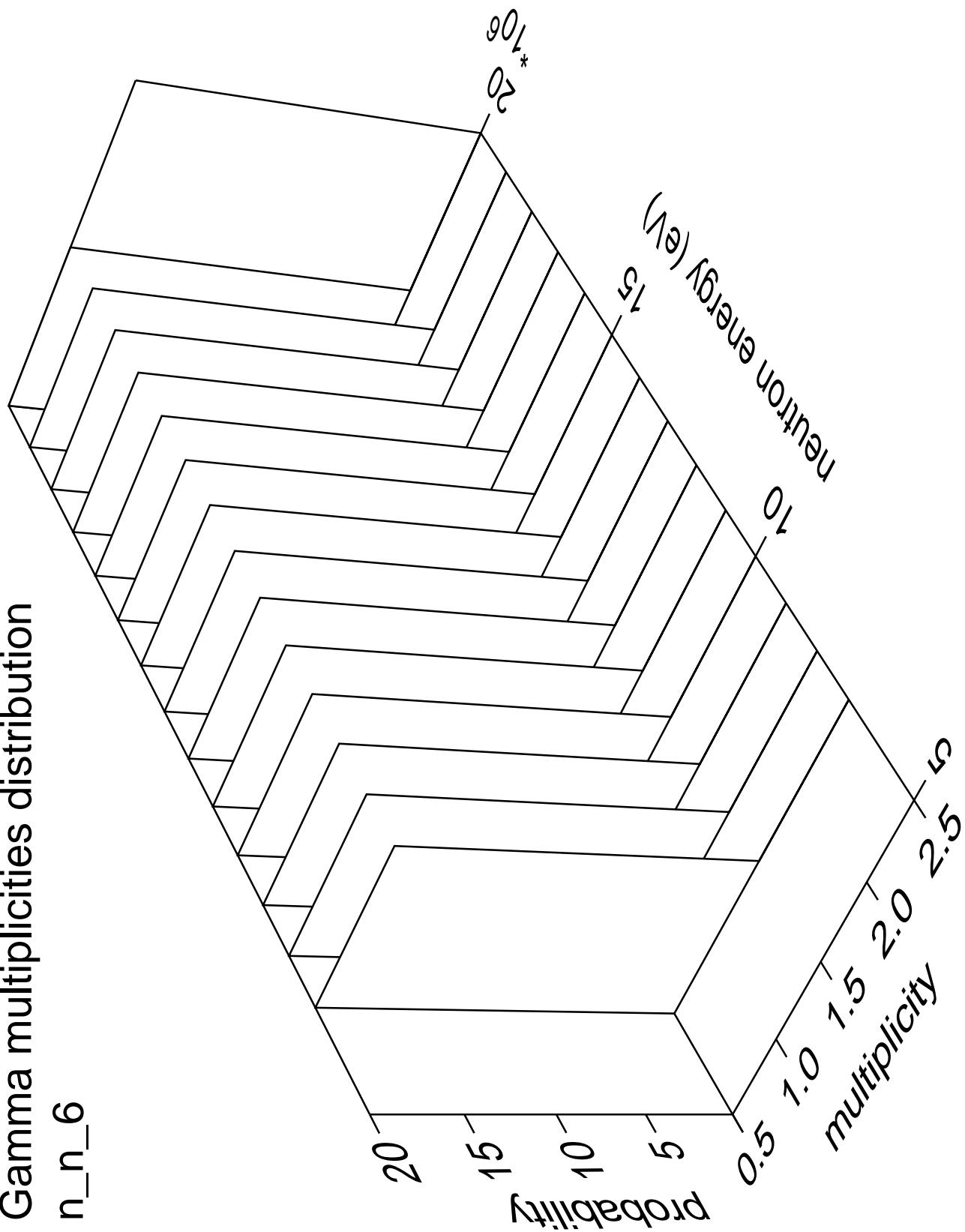


Gamma angles distribution

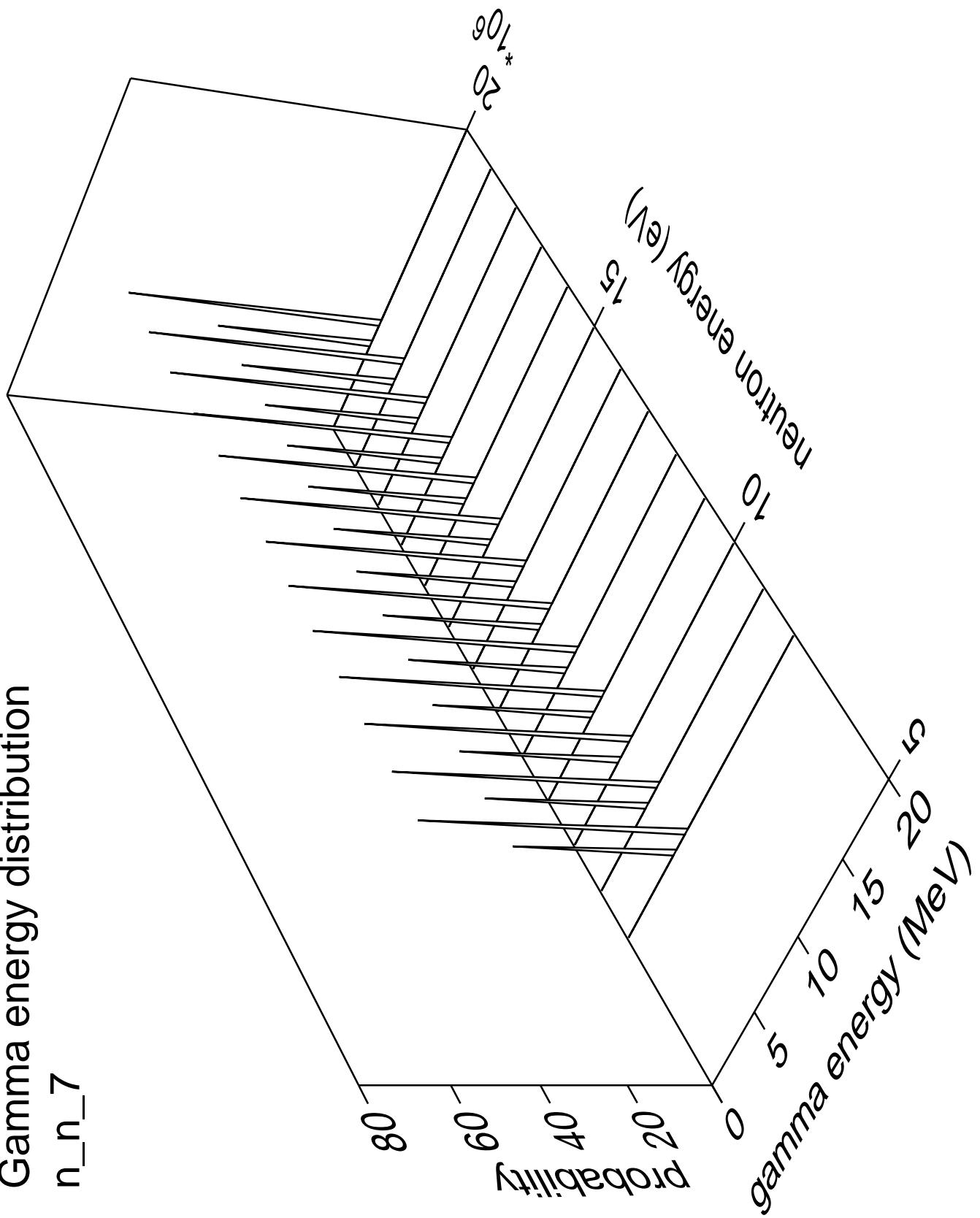
n\_n\_6



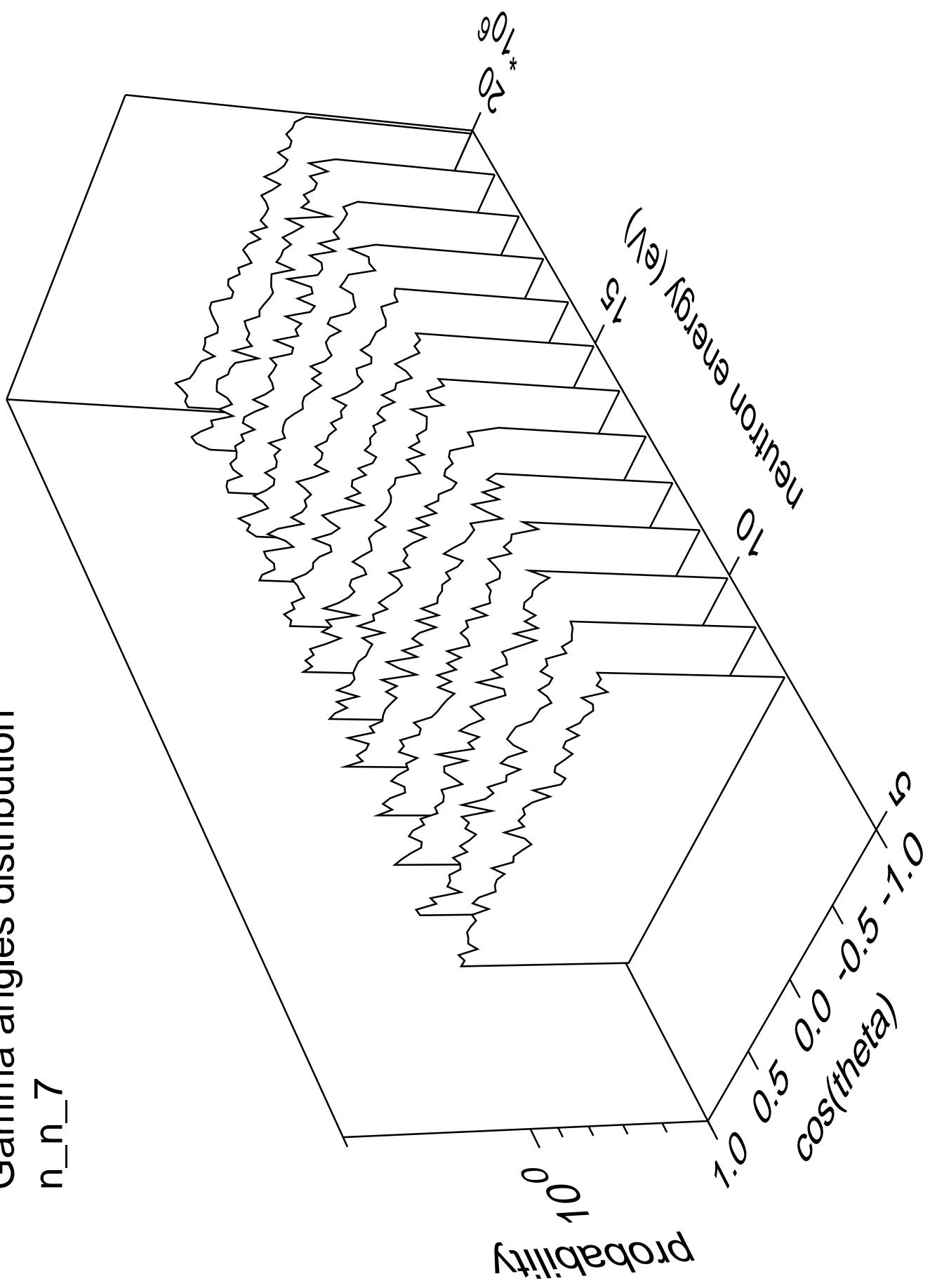
## Gamma multiplicities distribution



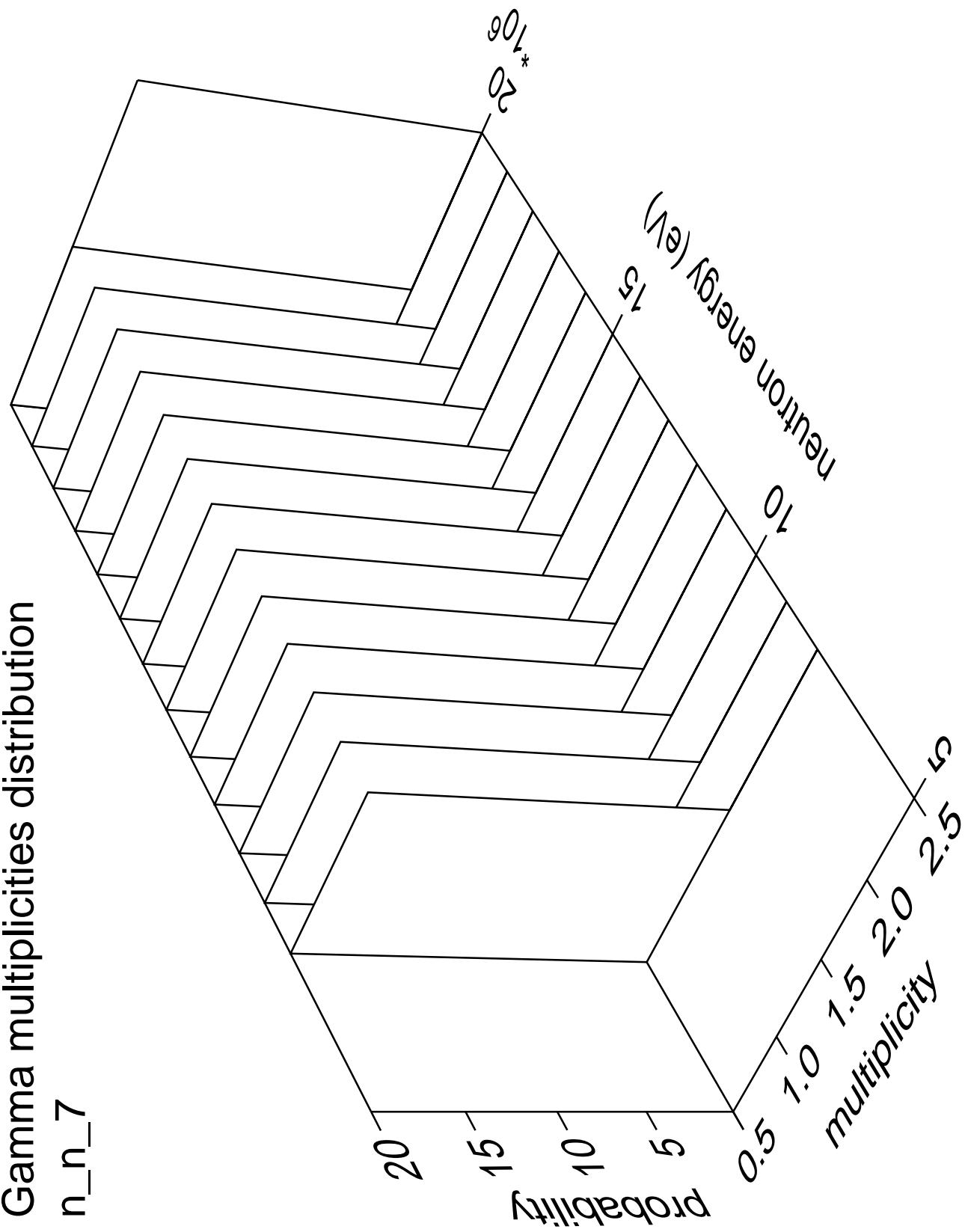
# Gamma energy distribution



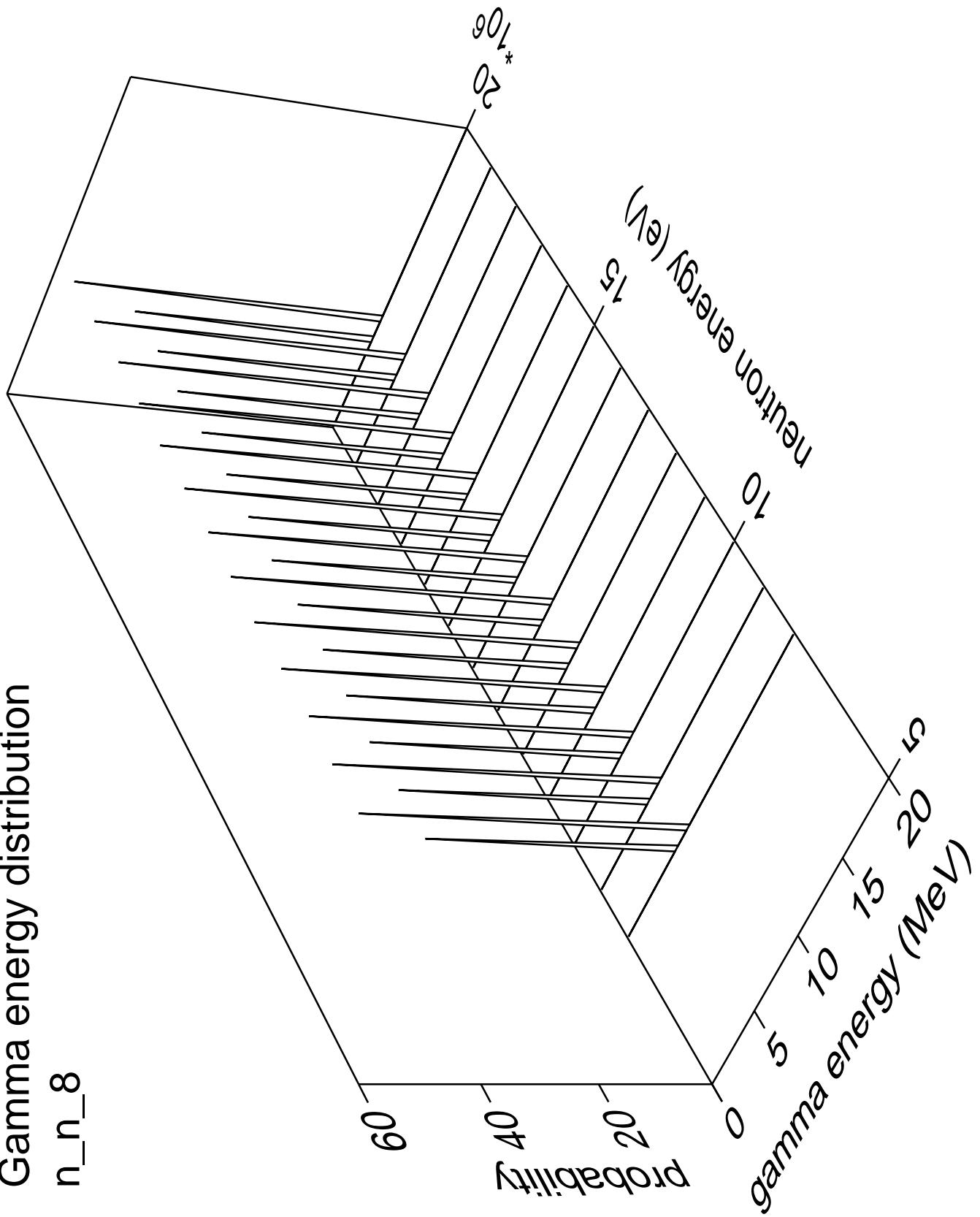
# Gamma angles distribution



## Gamma multiplicities distribution

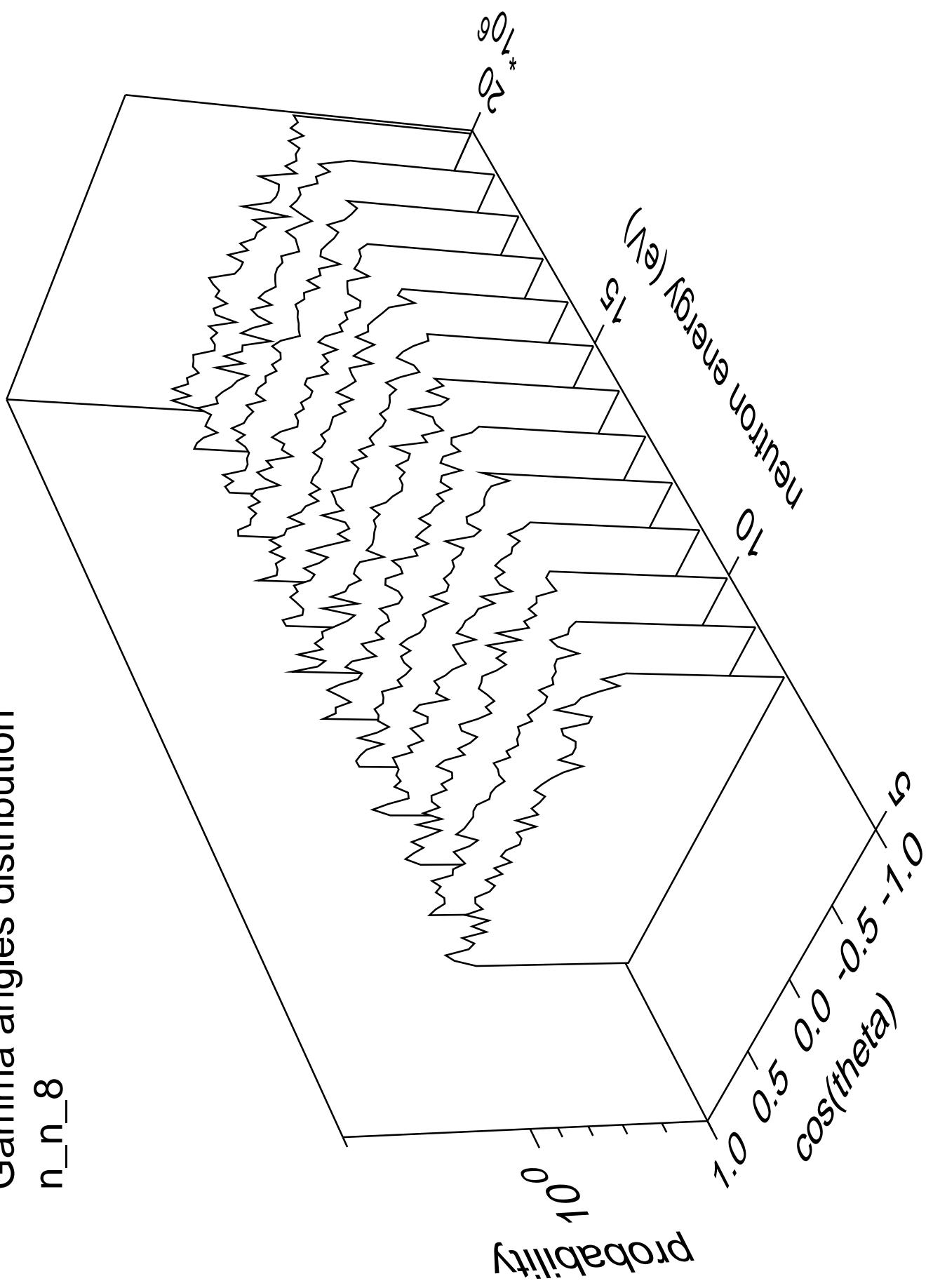


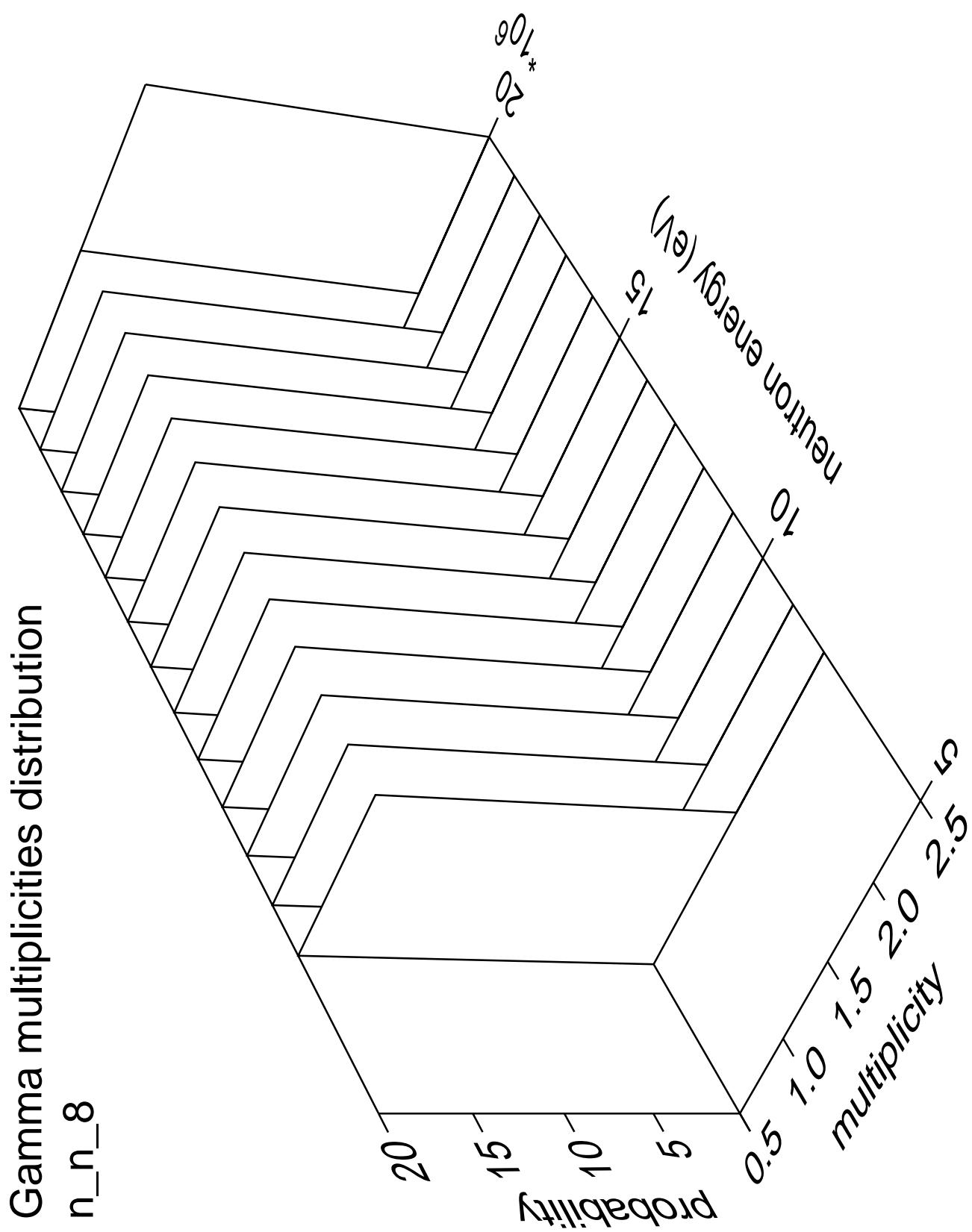
# Gamma energy distribution n\_n\_8



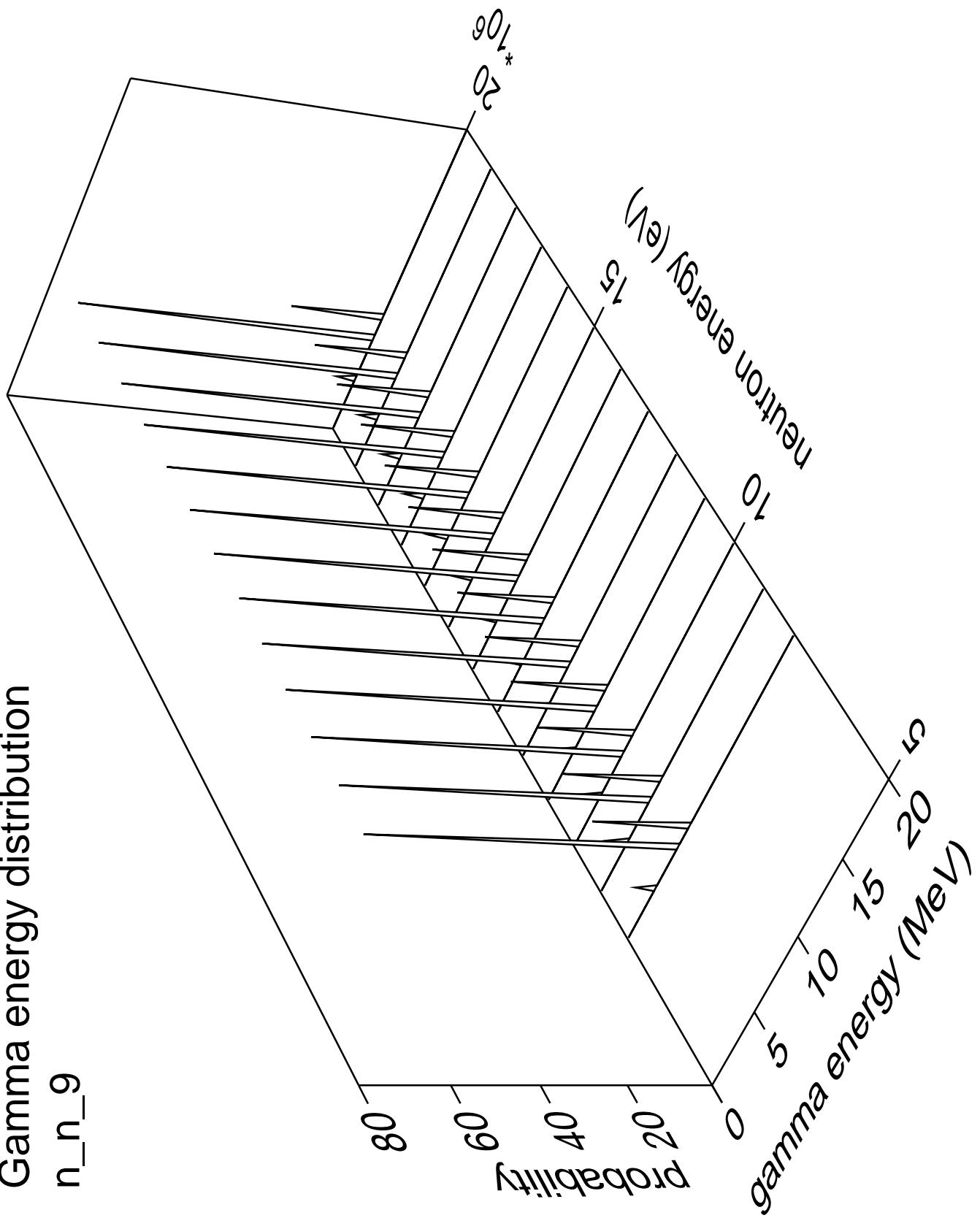
Gamma angles distribution

n\_n\_8



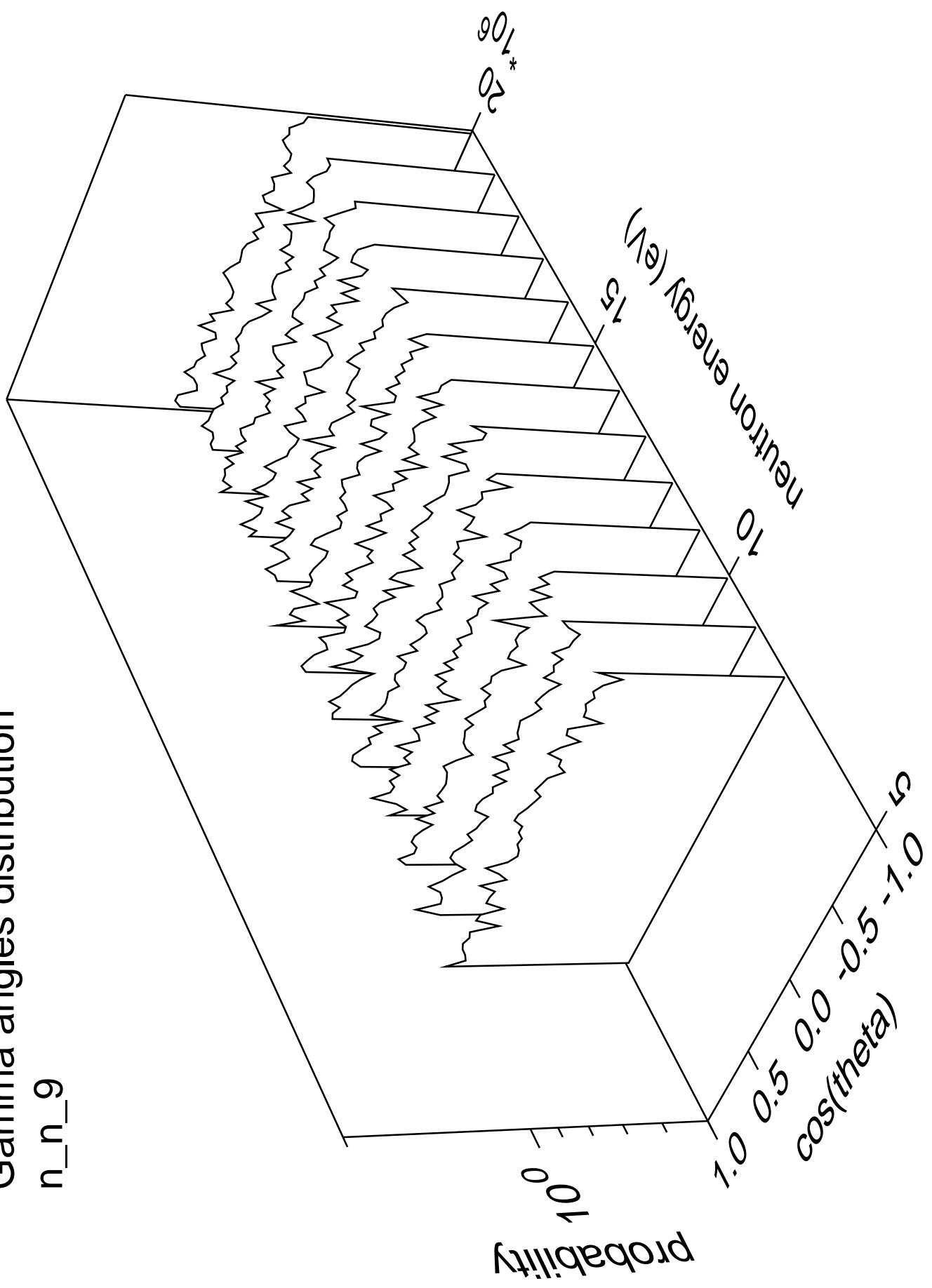


# $n_n_9$

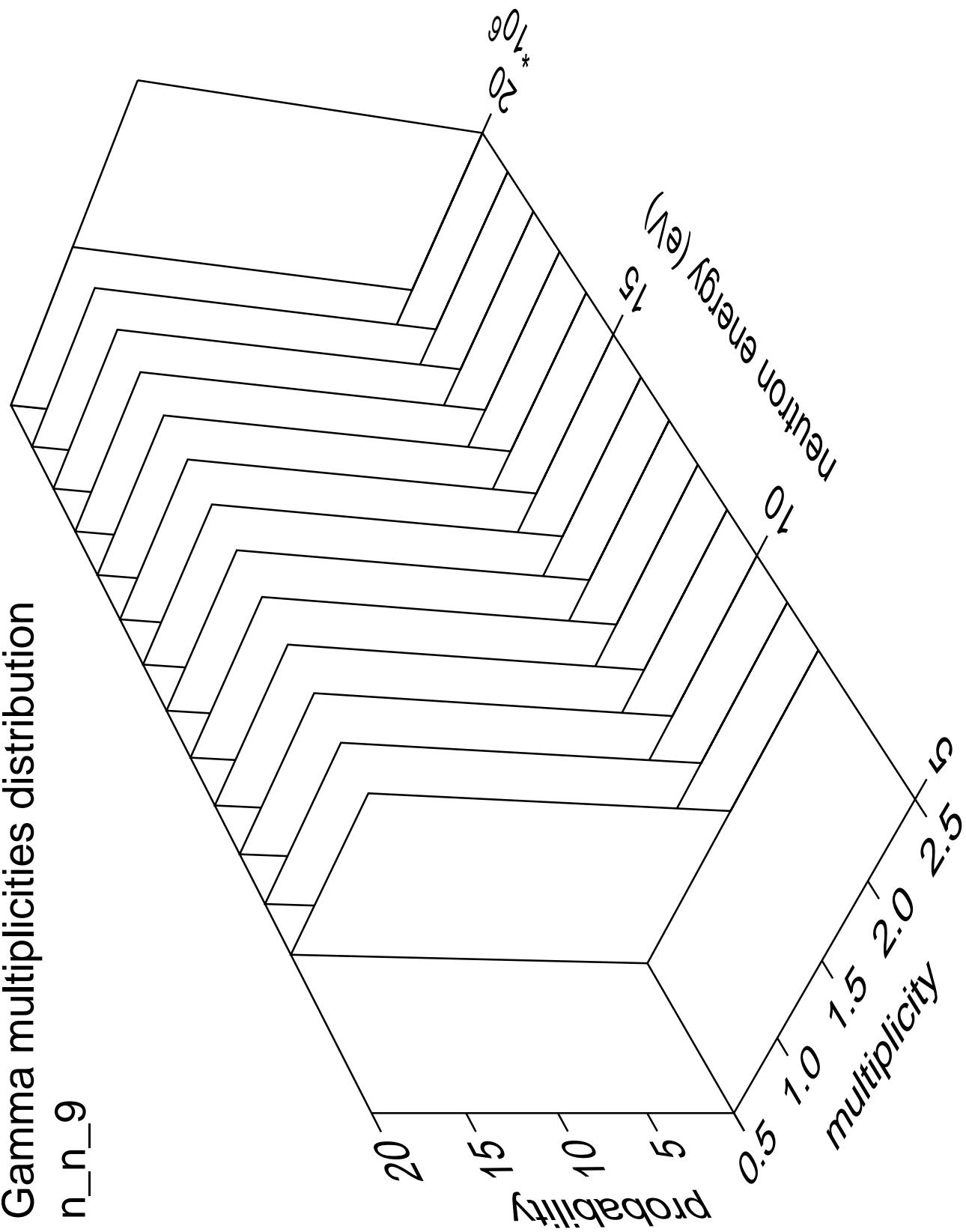


Gamma angles distribution

n\_n\_9

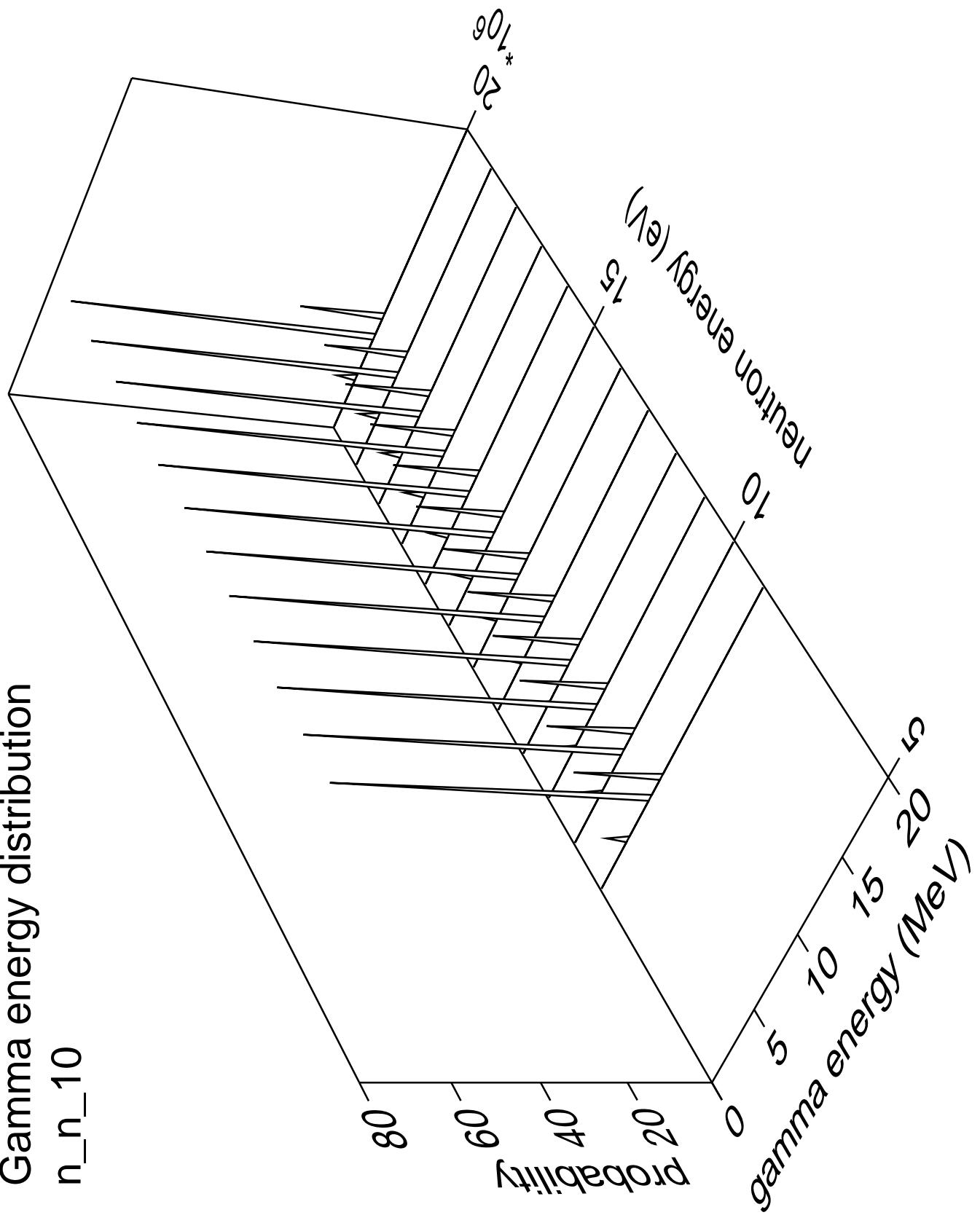


## Gamma multiplicities distribution



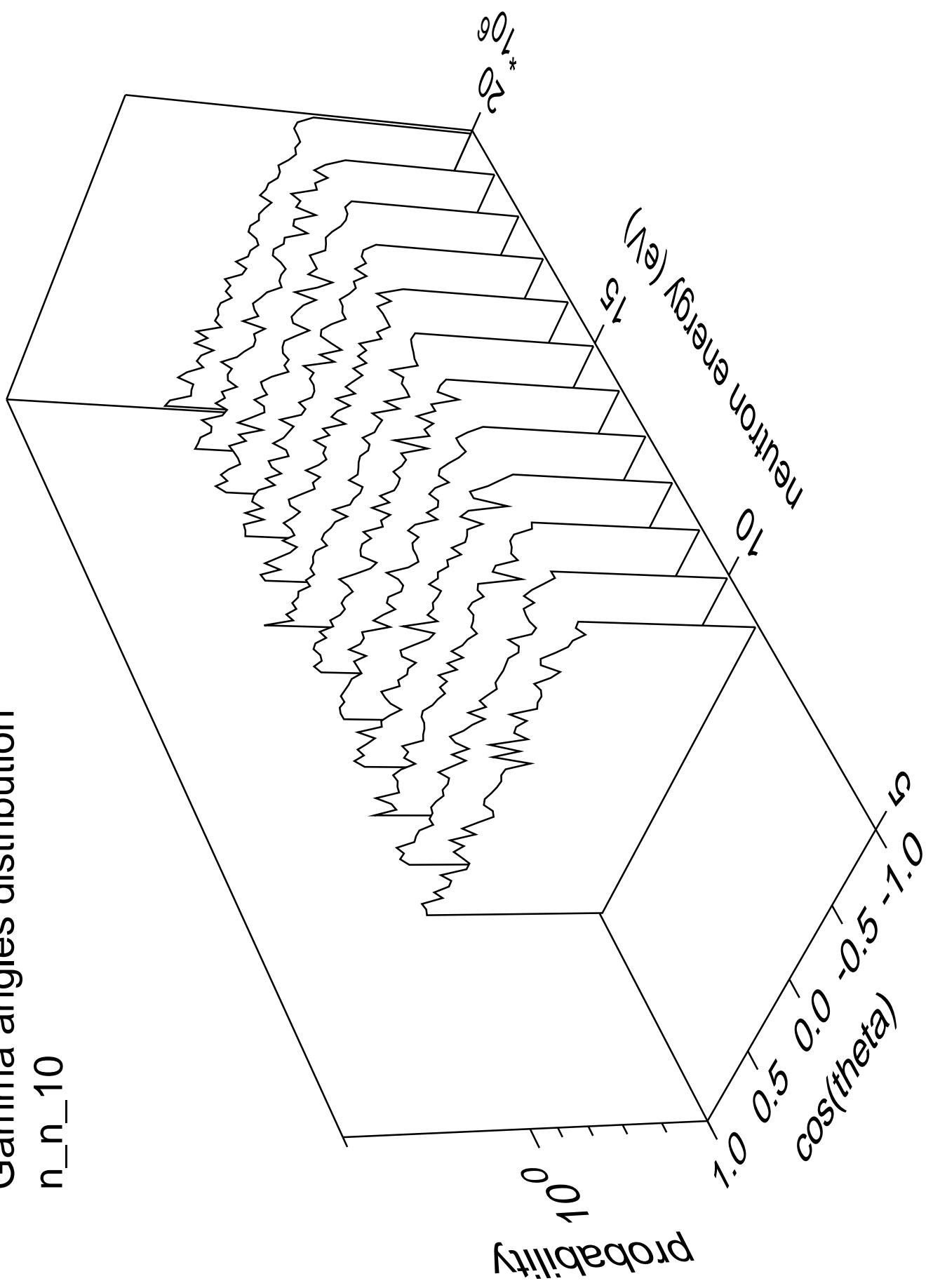
Gamma energy distribution

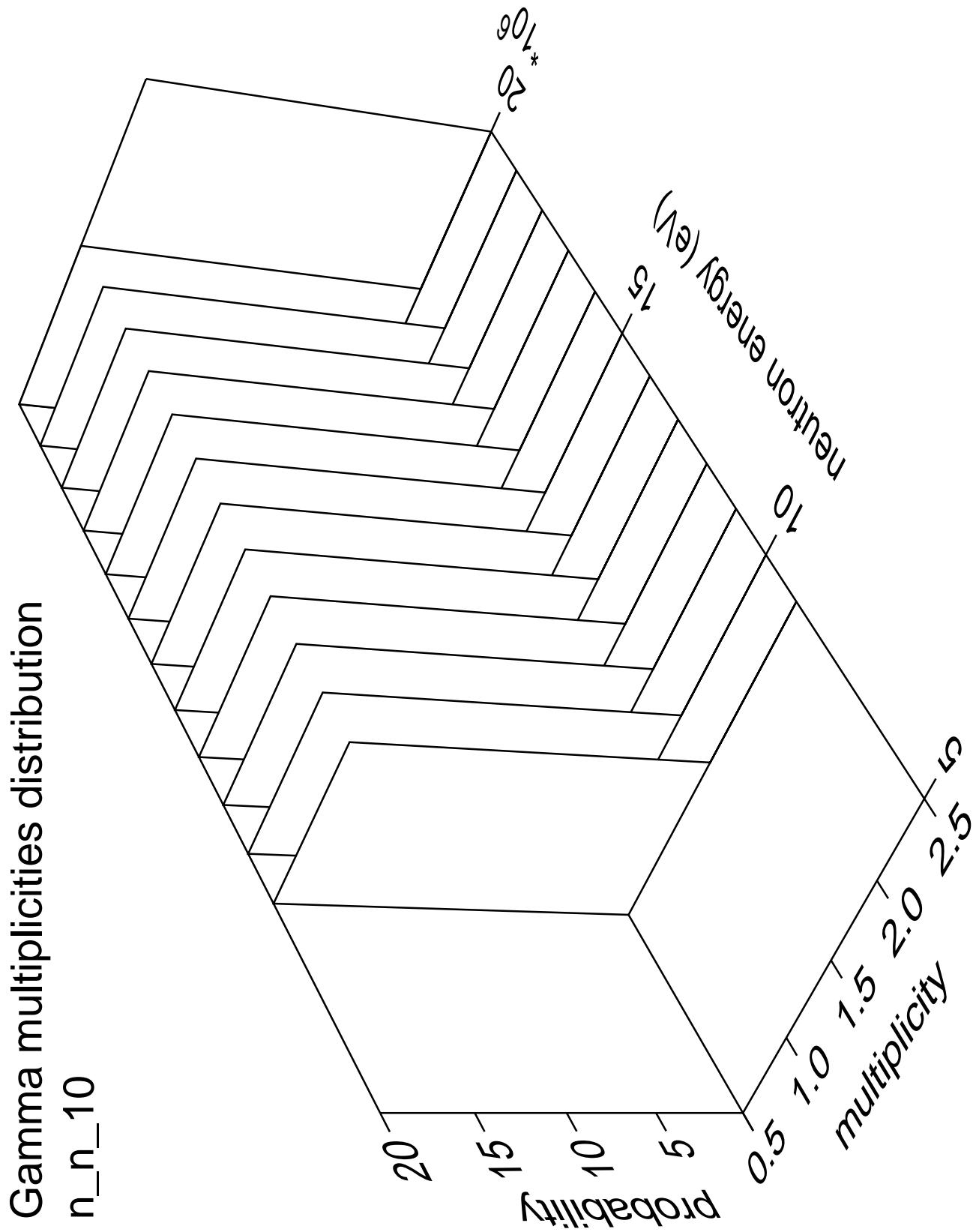
n\_n\_10



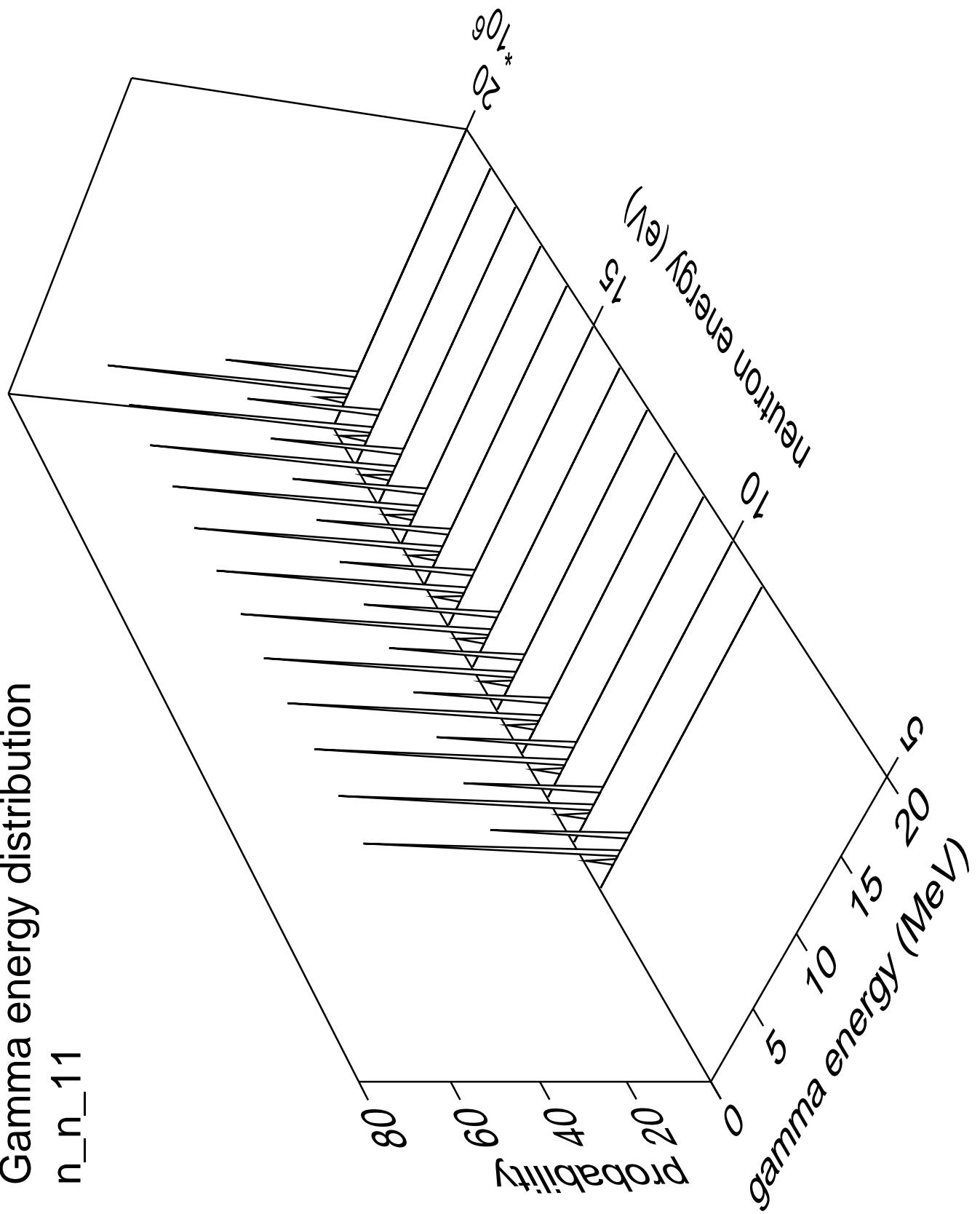
Gamma angles distribution

n\_n\_10



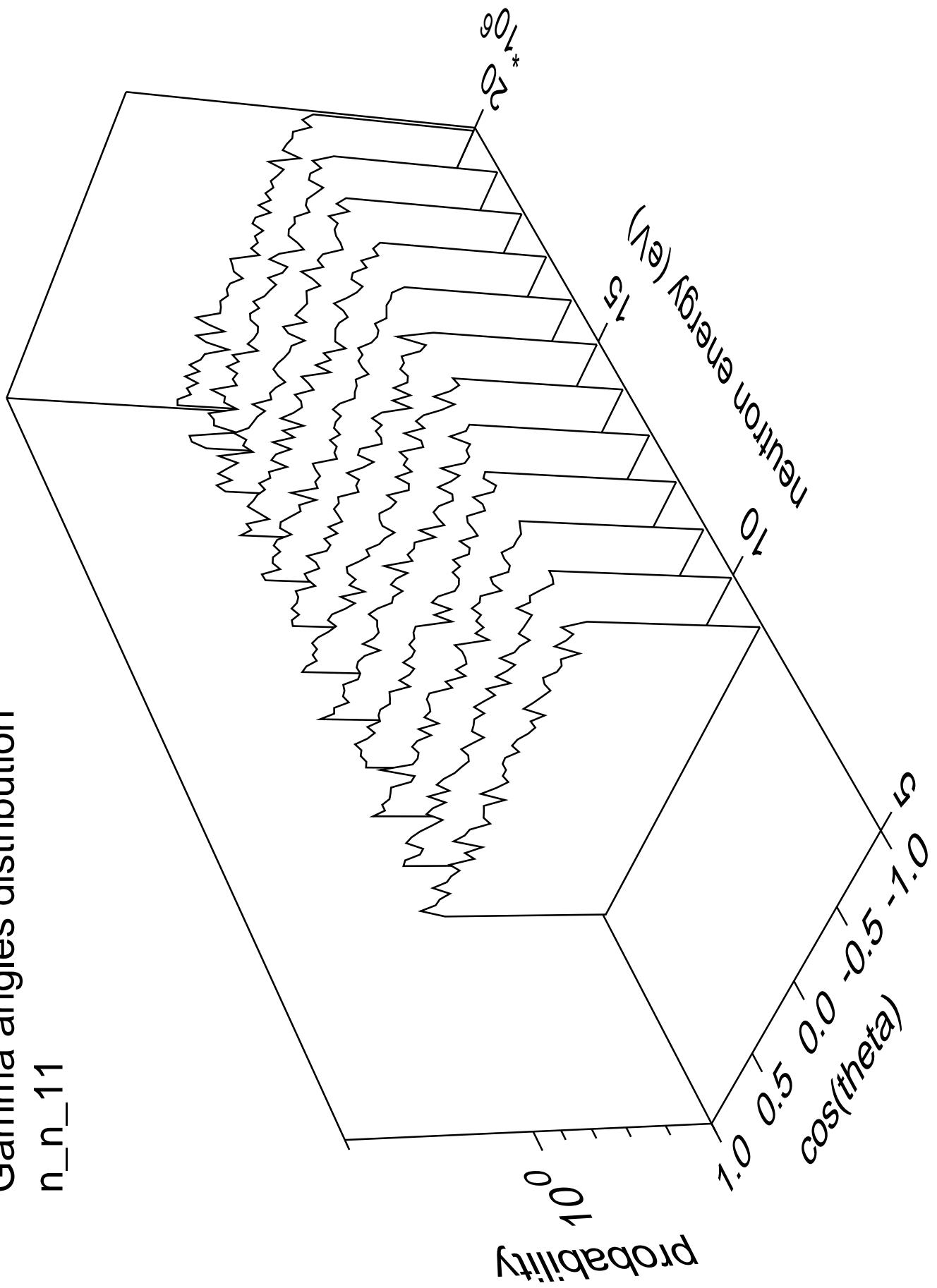


# Gamma energy distribution

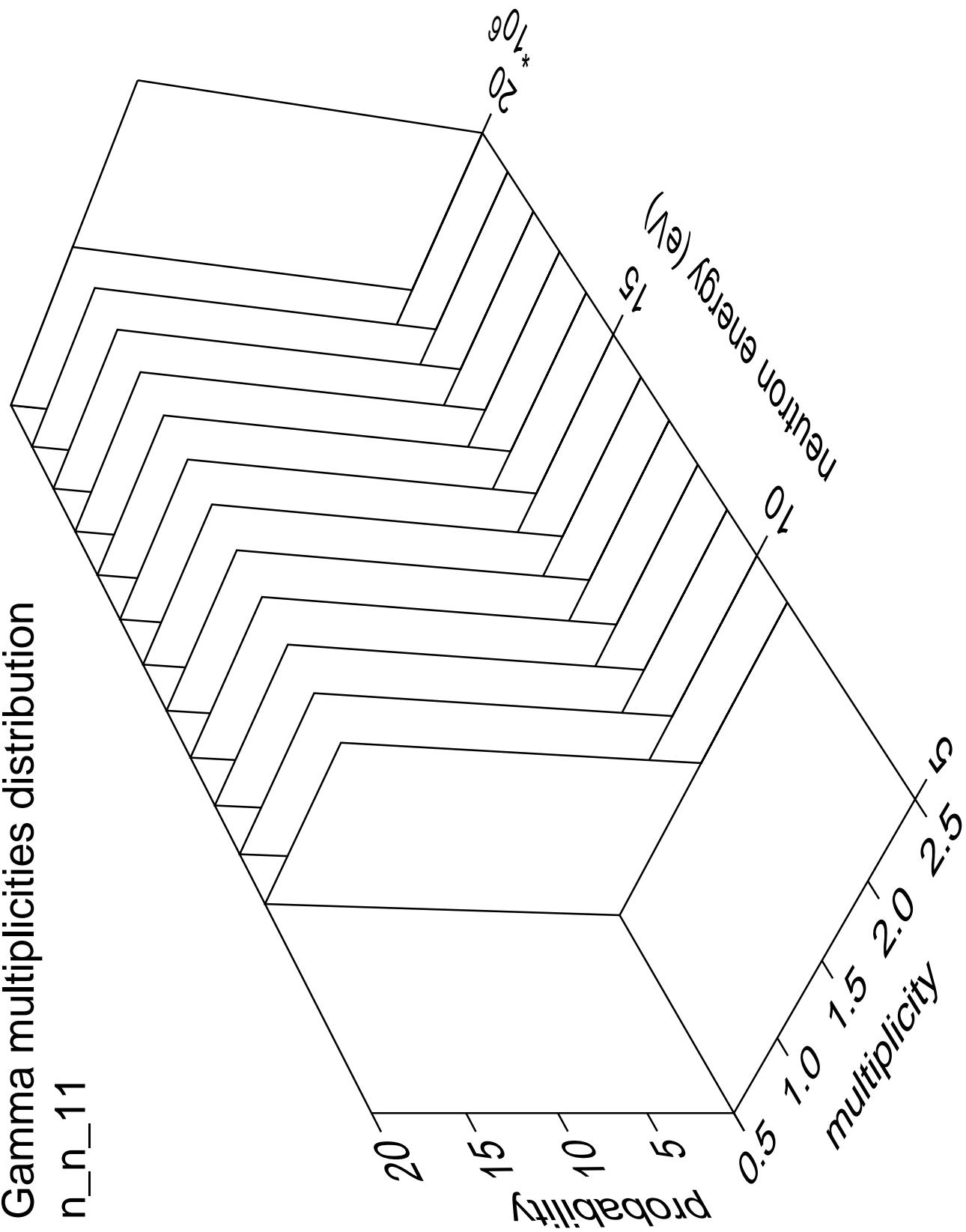


## Gamma angles distribution

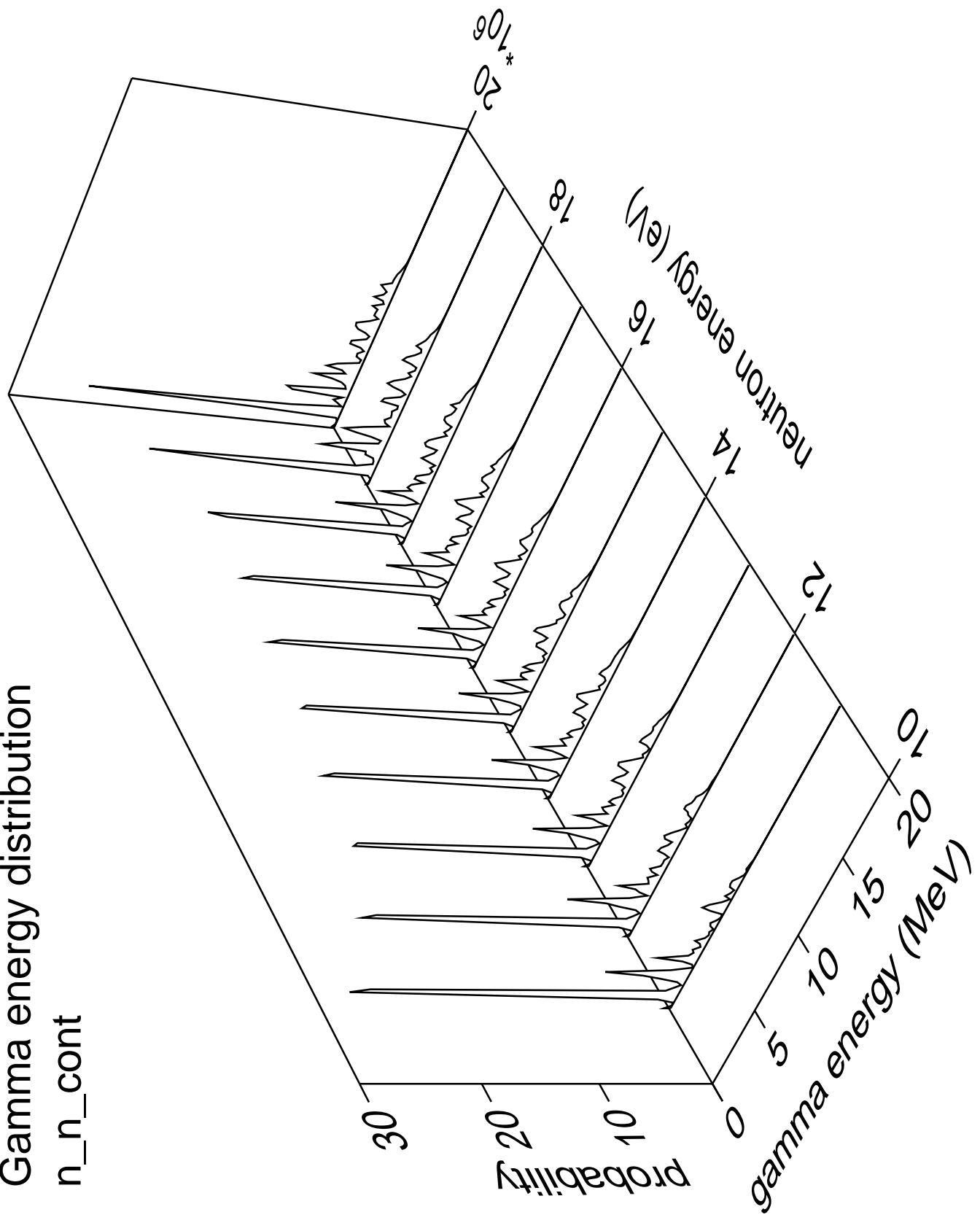
$n_{n\_11}$



## Gamma multiplicities distribution

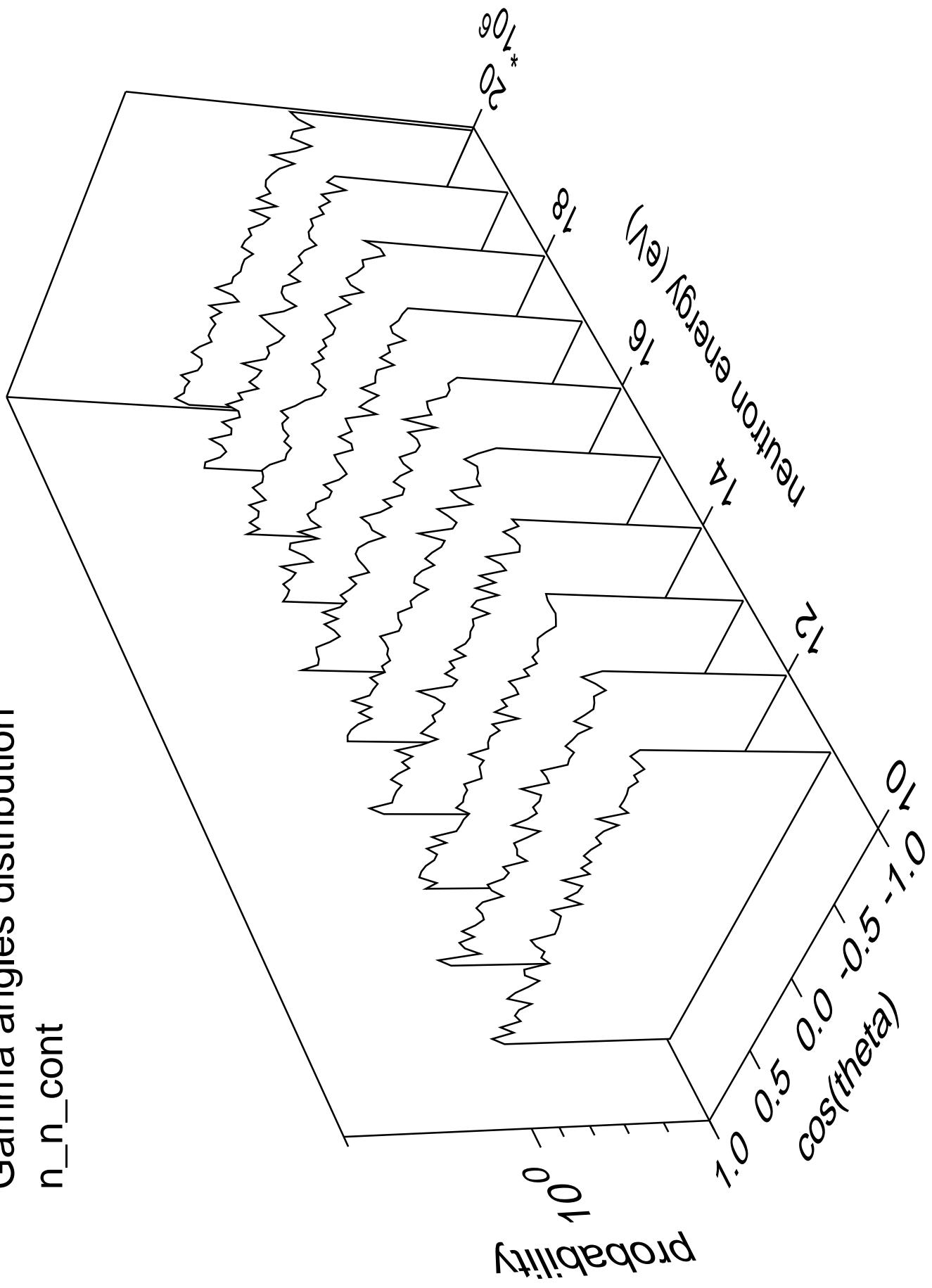


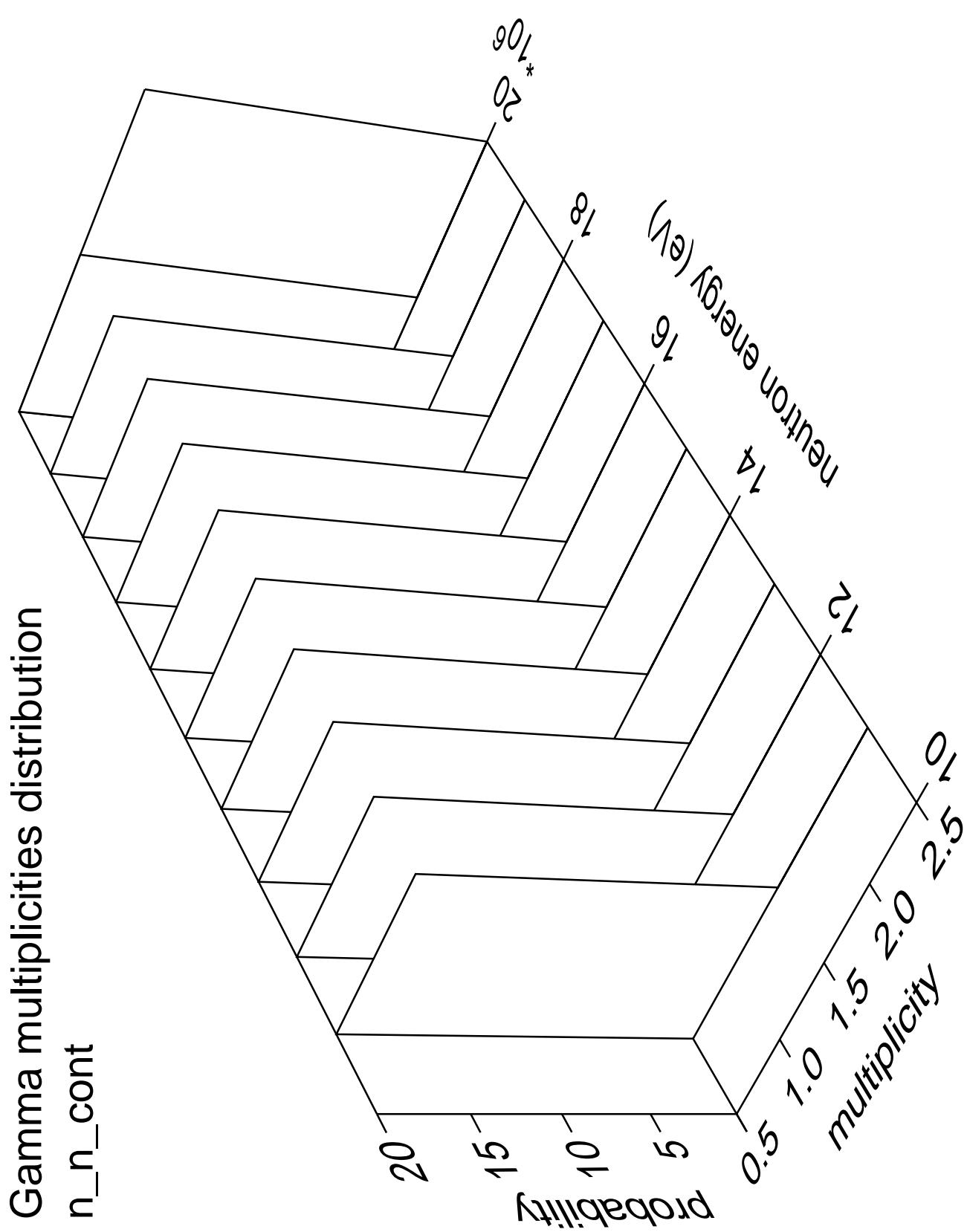
Gamma energy distribution  
n\_n\_cont

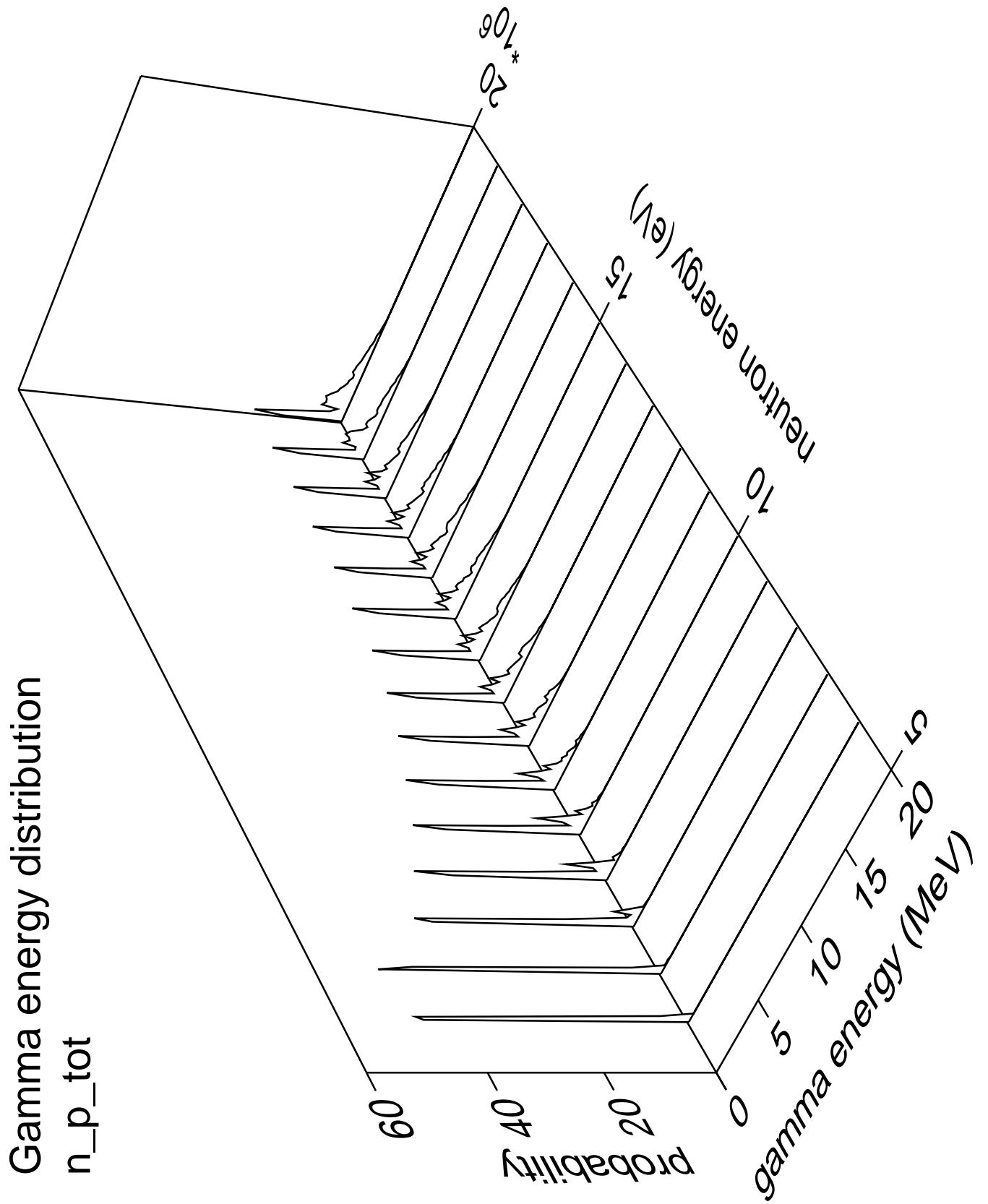


Gamma angles distribution

n\_n\_cont







Gamma angles distribution

$n_p_{tot}$

Probability

$10^0$

$10^2$

$10^4$

$10^6$

$10^8$

$10^{10}$

$10^{12}$

$10^{14}$

$10^{16}$

$10^{18}$

$10^{20}$

$10^{22}$

$10^{24}$

$10^{26}$

$10^{28}$

$10^{30}$

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$10^{448}$

$10^{450}$

$10^{452}$

$10^{454}$

$10^{456}$

$10^{458}$

$10^{460}$

$10^{462}$

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$10^{470}$

$10^{472}$

$10^{474}$

$10^{476}$

$10^{478}$

$10^{480}$

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$10^{484}$

$10^{486}$

$10^{488}$

$10^{490}$

$10^{492}$

$10^{494}$

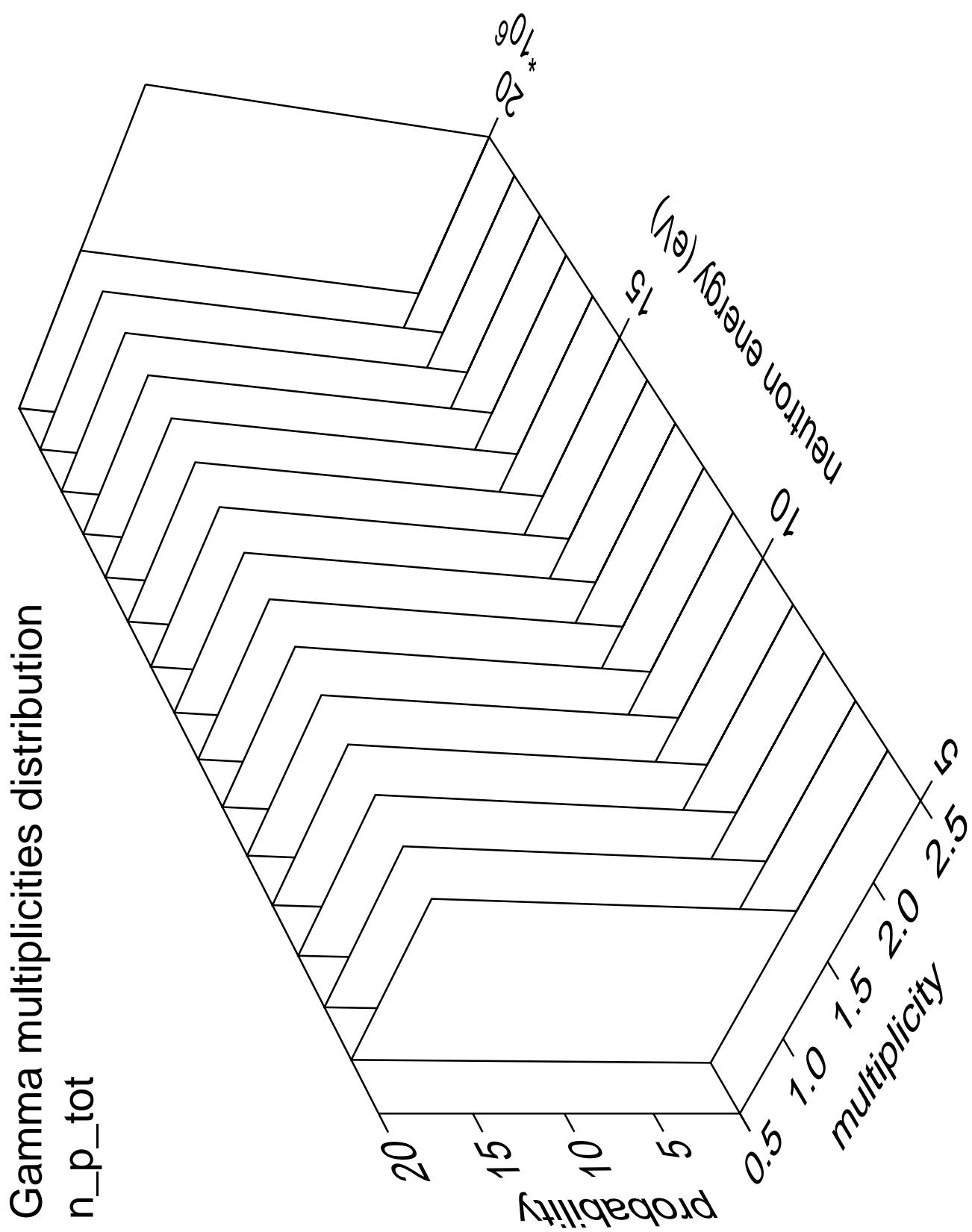
$10^{496}$

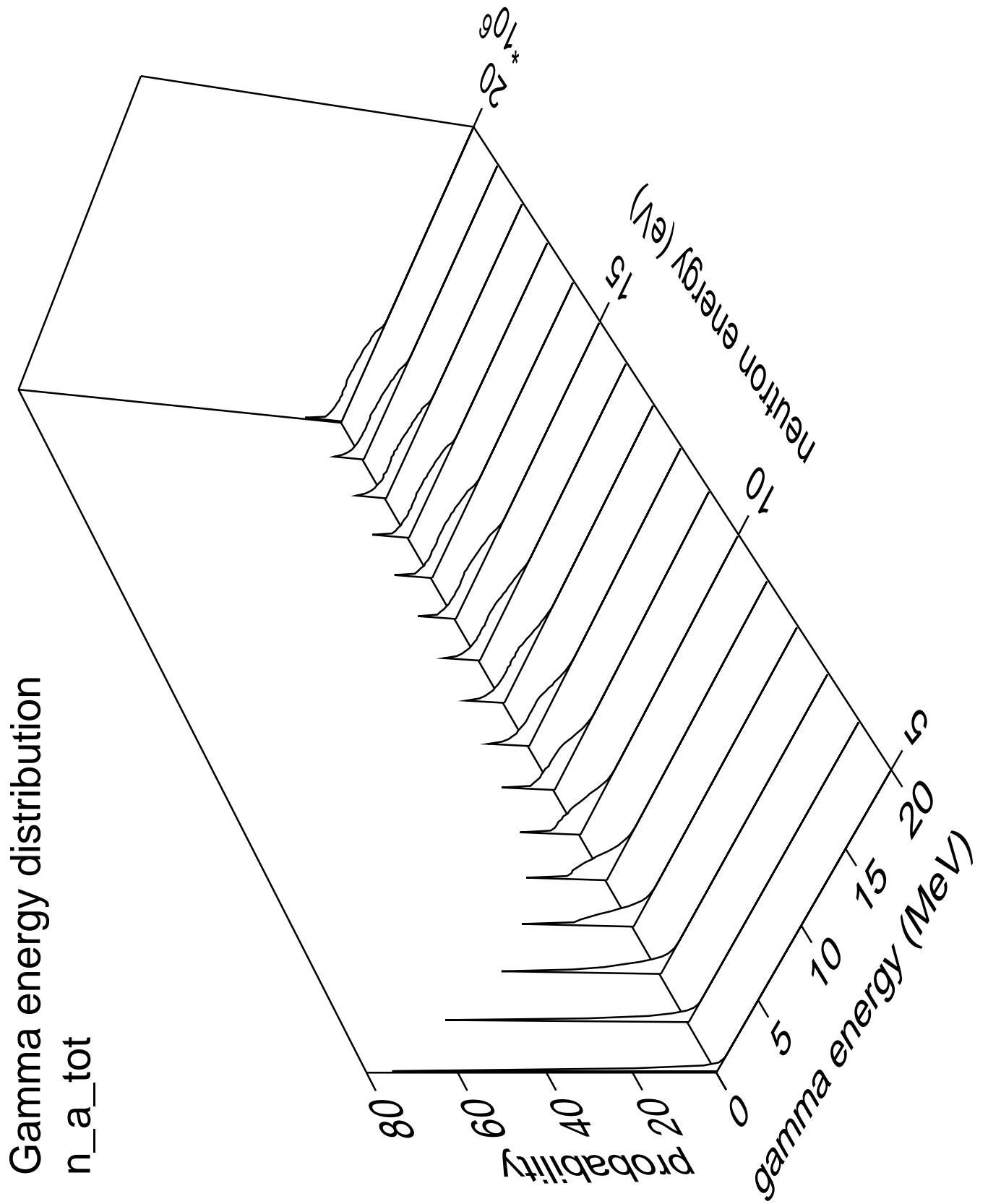
$10^{498}$

$10^{500}$

$10^{502}$

$10^{504}$





Gamma angles distribution

$n_a_{tot}$

